

# Panasonic CONNECT



## Professional **DISPLAYS** Line-up Catalog January 2023



Worldwide Olympic and Paralympic Partner



# Panasonic Professional Displays Lineup

High Brightness

## SQ1H Series

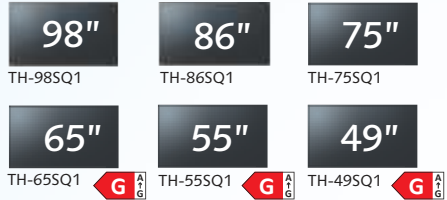
1200cd/m<sup>2</sup>  
\*TH-75SQ1H: 1500 cd/m<sup>2</sup>



\*Actual resolution : 3840 x 2160p

## SQ1 Series

500cd/m<sup>2</sup>



\*Actual resolution : 3840 x 2160p

## SQE2 Series

500cd/m<sup>2</sup>

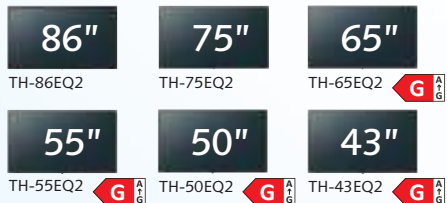
Available from March 2023



\*Actual resolution : 3840 x 2160p

## EQ2 Series

500cd/m<sup>2</sup>



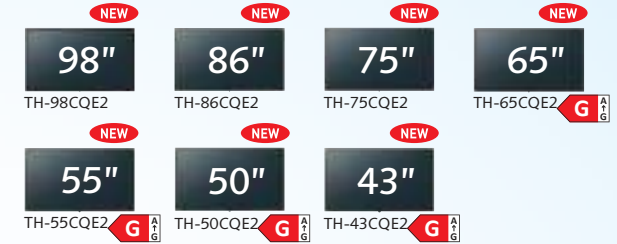
\*Actual resolution : 3840 x 2160p

Entry

## CQE2 Series

500 cd/m<sup>2</sup>  
\*400cd/m<sup>2</sup> only  
TH-86CQE2  
and TH-75CQE2

Available from March 2023



\*Actual resolution : (98CQE2 only)  
3840 x 2160p

## InGlass™ Technology

### SQ1-IG Series

500cd/m<sup>2</sup>



\*Actual resolution : 3840 x 2160p



### SQE1-IG Series

500cd/m<sup>2</sup>



\*Actual resolution : 3840 x 2160p

## Infrared Technology

### SQE1-IR Series

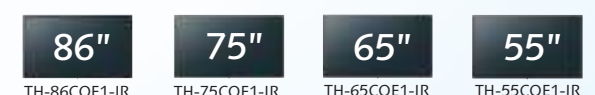
500cd/m<sup>2</sup>



\*Actual resolution : 3840 x 2160p

### CQE1-IR Series

400cd/m<sup>2</sup>



\*Actual resolution : 3840 x 2160p

Standard

Multi-Touch Screen

\* The availability varies depending on model.

★ The playable application format, GUI and operation procedure for the SQE2, and CQE2 Series' Media Player function are different from those of other models.

# Panasonic Professional Displays Lineup

Multi-Touch Screen

## PCAP Technology

### EQ2-PCAP Series

500cd/m<sup>2</sup>

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| <b>NEW</b><br>86" | <b>NEW</b><br>75" | <b>NEW</b><br>65" |
| TH-86EQ2-PCAP     | TH-75EQ2-PCAP     | TH-65EQ2-PCAP     |
| <b>NEW</b><br>55" | <b>NEW</b><br>50" | <b>NEW</b><br>43" |
| TH-55EQ2-PCAP     | TH-50EQ2-PCAP     | TH-43EQ2-PCAP     |

Available from February 2023



\*Actual resolution : 3840 x 2160p

Video Wall

|                                       |                         |                                       |                         |
|---------------------------------------|-------------------------|---------------------------------------|-------------------------|
| VF2H <span>700cd/m<sup>2</sup></span> | <b>55"</b><br>TH-55VF2H | LFV9 <span>500cd/m<sup>2</sup></span> | <b>55"</b><br>TH-55LFV9 |
|---------------------------------------|-------------------------|---------------------------------------|-------------------------|

|                                      |                        |             |                 |                 |
|--------------------------------------|------------------------|-------------|-----------------|-----------------|
| VF2 <span>500cd/m<sup>2</sup></span> | <b>55"</b><br>TH-55VF2 |             |                 |                 |
|                                      |                        | (LFV9 only) | (VF2H/VF2 only) | (VF2H/VF2 only) |
|                                      |                        |             | (LFV9 only)     |                 |

## PressIT Plug & Play Wireless Presentation System

### PressIT

|                                      |  |                         |                             |
|--------------------------------------|--|-------------------------|-----------------------------|
|                                      |  |                         |                             |
| TY-WPS1<br>Receiver<br>(Set-top-Box) | TY-WPSC1<br>Transmitter<br>(USB Type-A/HDMI) | Case for<br>Transmitter | Transmitter<br>(USB Type-C) |

## Fully Integrated Wireless Presentation System

|                           |
|---------------------------|
|                           |
| TY-SBPURE<br>SDM receiver |

## Conferencing Solution

### PressIT360

TY-CSP1



## Pict Descriptions

|   |   |  |   |   |  |  |
|---|---|--|---|---|--|--|
| <br>4K display<br>(Actual resolution: 3840 x 2160p) | <br>Using a DisplayPort daisy chain connection to output a 4K image onto a 2x2 video wall | <br>Capable of 24-hour continuous operation                                  | <br>Capable of 18-hour continuous operation | <br>Capable of 16-hour continuous operation | <br>USB media player                         | <br>USB media player supporting 4K images                    |
| <br>Equipped with protective glass for LCD panel    | <br>CAT5e or higher STP cable transmits Full-HD video, audio, and control signals         | <br>CAT5e or higher STP cable transmits 4K video, audio, and control signals | <br>Bezel-to-bezel thickness                | <br>Portrait installation possible          | <br>Intel® SDM specification compatible slot | <br>Enlarge a horizontal video with three vertical displays. |

## Model Number Legend

F Full HD  
Q 4K UHD

**TH-86SQ1**

|              |             |   |
|--------------|-------------|---|
| Display body | Screen size | S/L Standard<br>E/C Entry<br>V Video wall<br>B Touch screen |
|--------------|-------------|---|

# SQ1H Series



86"



75"

| Model no.                                 | TH-86SQ1H   | TH-75SQ1H   |
|---|---|---|
| <b>DISPLAY PANEL</b>                      |   |   |
| Screen Size (Diagonal)/Aspect Ratio       | 86-inch (2174.2mm) /16:9  | 75-inch (1892.7mm) /16:9  |
| Backlight                                 | Direct LED  | Direct LED  |
| Effective Display Area (W x H)            | 1895.0 x 1065.9 mm (74.60" x 41.96")  | 1649.6 x 927.9 mm (64.94" x 36.53")   |
| Resolution (H x V)                        | 3840 x 2160   | 3840 x 2160   |
| Brightness (Typ)                          | 1200 cd/m <sup>2</sup>  | 1500 cd/m <sup>2</sup>  |
| Contrast Ratio                            | 1200:1  | 1200:1  |
| Dynamic Contrast Ratio                    | 50000:1   | 50000:1   |
| Response Time                             | 8.0 ms (G to G)   | 10.0 ms (G to G)  |
| Viewing Angle (Horizontal/Vertical)       | 178°/ 178° (CR>10)  | 178°/ 178° (CR>10)  |
| Panel Surface Treatment                   | Anti-glare low reflection type (Haze 3 %)   | Anti-Glare type (Haze 1%)   |
| <b>TERMINAL</b>                           |   |   |
| HDMI In                                   | HDMI TYPE-A connector x 2, 4K Compatible (HDCP2.2)  |   |
| DisplayPort In                            | DisplayPort x 1 (HDCP2.2)   |   |
| DisplayPort Out                           | DisplayPort x 1 (HDCP1.4)   |   |
| DVI-D In                                  | DVI-D 24-pin x 1  |   |
| Audio In (L/R)                            | Stereo Mini Jack (Φ 3.5 mm) x 1 0.5 V [rms]   |   |
| Audio Out                                 | Stereo /Mini Jack (Φ 3.5 mm) x 1 0.5 V [rms], Variable (-∞ - 0 dB) (1 kHz 0 dB Input, 10 k Ω Load)                          |   |
| Serial In                                 | D-sub 9-pin x 1, RS-232C Compatible   |   |
| LAN                                       | RJ45 x 1 Compatible with PLink™, 10BASE-T/100BASE-TX  |   |
| DIGITAL LINK/LAN                          | RJ45 x 1 Compatible with Long reach mode and PLink™, 100BASE-TX (HDCP2.2)   |   |
| IR In/Out                                 | Stereo Mini Jack (Φ 3.5 mm) x 1 / x 1   |   |
| USB                                       | USB connector (TYPE A) x 2, DC 5 V/2 A, DC 5 V/1 A (USB3.0 is supported)  |   |
| Sensor                                    | 4-pole sub-mini jack (Φ 2.5 mm) x 1   |   |
| Function Slot                             | x1 (Intel® SDM Specification Capability)  |   |
| <b>GENERAL</b>                            |   |   |
| Power Requirements                        | 110-240 V AC, 50 Hz/60 Hz   |   |
| Power Consumption                         | 730 W   | 720 W   |
| Power Off Condition                       | Approx. 0.3 W   | Approx. 0.3 W   |
| Stand-by Condition                        | Approx. 0.5 W   | Approx. 0.5 W   |
| Dimensions (W x H x D)*Including handles. | 1929 x 1100 x 96 mm (75.95" x 43.31" x 3.75")   | 1684 x 962 x 96 mm (66.28" x 37.9" x 3.75")   |
| Carton Size (W x H x D)                   | 2145 x 1290 x 280 mm (84.5" x 50.8" x 11.1")  | 1870 x 1143 x 280 mm (73.7" x 45.0" x 11.1")  |
| Bezel Width                               | 15.5 mm (0.61") (T/B/L/R)   | 14.9 mm (0.59") (T/B/L/R)   |
| Weight                                    | Approx. 57.8 kg (127.4 lbs)   | Approx. 42.2 kg (93.0 lbs.)   |
| Gross Weight                              | Approx. 73 kg (160.9 lbs.)  | Approx. 56 kg (123.4 lbs.)  |
| Pitch for Wall-Hanging                    | VESA Compliant 600 x 400 mm (23.6" x 15.8") M8  | VESA Compliant 600 x 400 mm (23.6" x 15.8") M8                                      |
| Built-in Speaker                          | 20 W [10 W + 10 W]  |   |
| Orientation                               | Landscape/Portrait*1  |   |
| Tilting Angle                             | Landscape: 0-20 degrees forward<br>Portrait: 0-20 degrees forward   | Landscape: 0-20 degrees forward/backward<br>Portrait: 0-20 degrees forward/backward |
| Operating Environment                     | Temperature: 0 °C to 40 °C (32 °F to 104 °F)*2; 0 °C to 35 °C (32 °F to 95 °F)*3,<br>Humidity: 20% to 80% (No condensation) |   |
| Storage Environment                       | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No condensation)                                    |   |
| Operating Time*4                          | 24 h/day  |   |
| <b>OPTIONS</b>                            |   |   |
| 3G-SDI Terminal Board                     | TY-SB01SS   | TY-SB01SS   |
| Wall-hanging Bracket                      | —   | —   |
| Early Warning Software*5                  | ET-SWA100/105 Series  | ET-SWA100/105Series   |
| Digital Interface Box                     | —   | —   |
| DIGITAL LINK Switcher                     | ET-YFB200G  | ET-YFB200G  |
| Auto Display Adjustment Upgrade Kit       | —   | —   |

\*1: When installing the display vertically, be sure that the power indicator comes to the right side.

\*2: For up to 1400 m (4593 ft) altitude.

\*3: For between 1400 m to 2800 m (4593 ft to 9186 ft) altitude.

\*4: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*5: Part number suffix may differ depending on the license type.

★The handle part excluded, the thickness is 82 mm (3.22" : TH-98SQ1)/ 82 mm (3.22" : TH-86SQ1).

## Panasonic display ideas for a wide range of applications

### Meeting room



From standard to interactive screens in different sizes - no matter if the meeting room is big or a huddle space - there are no limits to collaborative work.

#### Recommended models

- SQ1 Series >> 8p
- SQE2 Series >> 12p
- EQ2 Series >> 16p
- Interactive Series >> 32p

### Control room



Use a 24/7 operation display where interrupted images are simply not permitted. When problems do occur, the fail-over and fail-back functions minimize shutdown.

#### Recommended models

- SQ1/SQE2 Series >> 8p~
- VF/LFV Series >> 46p~

### Retail shop



For attractive product displays, the 4K model is also recommended for in-store signage. The narrow bezel provides effective space utilization. An easy-to-see angle can also be adjusted. And Content Management Software makes it easy to control signage for individual shops.

#### Recommended models

- SQ1H Series >> 6p
- EQ2 Series >> 16p
- CQE2 Series >> 20p~

### Classrooms



Our range of displays from 43" to 98" are suitable for bigger lecture halls or smaller huddle spaces. Choose from Entry level, Standard or Interactive displays to enhance collaboration and student engagement.

#### Recommended models

- SQ1 Series >> 8p
- SQE2 Series >> 12p
- EQ2 Series >> 16p
- CQE2 Series >> 20p
- Interactive Series >> 32p



98"



86"

| Model no.  | TH-98SQ1  | TH-86SQ1  |
|--|---|---|
| <b>DISPLAY PANEL</b>                               |   |   |
| Screen Size (Diagonal)/Aspect Ratio                | 98-inch (2476.9 mm)/16:9  | 86-inch (2174.2 mm)/16:9                        |
| Panel Type   | IPS / Direct LED  | IPS / Edge LED                                  |
| Effective Display Area (W x H)                     | 2158.8 x 1214.3 mm (84.99" x 47.80")  | 1895.0 x 1065.9 mm (74.60" x 41.96")            |
| Resolution (H x V)                                 | 3840 x 2160   | 3840 x 2160                                     |
| Brightness (Typ)                                   | 500 cd/m <sup>2</sup>   | 500 cd/m <sup>2</sup>                           |
| Contrast Ratio                                     | 1300:1  | 1200:1  |
| Dynamic Contrast Ratio                             | 50000:1   | 50000:1   |
| Response Time                                      | 8 ms (G to G)   | 8 ms (G to G)                                   |
| Viewing Angle (Horizontal/Vertical)                | 178°/178° (CR≥10)   | 178°/178° (CR≥10)                               |
| Panel Surface Treatment                            | Anti-Glare (Haze 28 %)  | Anti-Glare (Haze 28 %)                          |
| <b>TERMINAL</b>                                    |   |   |
| HDMI In  | HDMI TYPE-A Connector x 2 <sup>*1</sup>   |   |
| DisplayPort In                                     | DisplayPort x 1   |   |
| DisplayPort Out                                    | DisplayPort x 1   |   |
| USB  | USB Connector (TYPE-A) x 2, DC 5 V/2 A, DC 5V/1A (USB 3.0 Supported)                    |   |
| DVI-D In   | DVI-D 24-pin x 1  |   |
| Audio In (L/R)                                     | Stereo Mini Jack (M3) x 2 (Shared with PC In)   |   |
| PC In  | Mini D-sub 15-pin x 1 (Female) <sup>**2</sup>   |   |
| Audio In (L/R)                                     | Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)  |   |
| Audio Out  | Stereo Mini Jack (M3) x 1   |   |
| Serial In  | D-sub 9-pin x 1, RS232C Compatible  |   |
| LAN  | RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PLink™                               |   |
| DIGITAL LINK                                       | RJ45 x 1, 100 BASE-TX, Compatible with long reach mode and PLink™                       |   |
| IR In/Out  | Stereo Mini Jack (M3) x 1 / x 1   |   |
| Function Slot                                      | x1 (Intel®SDM Specification Capability)   |   |
| <b>GENERAL</b>                                     |   |   |
| Power Requirements                                 | 220-240 V AC, 50 Hz/60 Hz   |   |
| Power Consumption                                  | 685 W   | 480 W   |
| Power Off Condition                                | Approx. 0.3 W   | Approx. 0.3 W                                   |
| Stand-by Condition                                 | Approx. 0.5 W   | Approx. 0.5 W                                   |
| Dimensions (W x H x D)                             | 2194 x 1249 x 90 *mm (86.35" x 49.15" x 3.54"*)   | 1928 x 1099 x 86 *mm (75.91" x 43.27" x 3.39"*) |
| Carton Size (W x H x D)                            | 2513 x 1704 x 450 mm (98.9" x 67.1" x 17.7")  | 2224 x 1427 x 373 mm (87.6" x 56.2" x 14.7")    |
| Bezel Width  | 16.0 mm (0.63") (T/B/L/R)   | 15.2 mm (0.6") (T/B/L/R)                        |
| Weight   | Approx. 90.0 kg (198.5 lbs.)  | Approx. 66.0 kg (145.5 lbs.)                    |
| Gross Weight                                       | Approx.138.0 kg (304.3 lbs.)  | Approx. 89.0 kg (196.3 lbs.)                    |
| Pitch for Wall-Hanging                             | 800 x 500 mm (31.5" x 19.7") VESA Compliant   | 600 x 400 mm (23.6" x 15.8") VESA Compliant     |
| Protective Glass                                   | -   |   |
| Built-in Speaker                                   | 20 W [10 W + 10 W]  |   |
| Orientation  | Landscape/Portrait  |   |
| Tilting Angle                                      | 0-20 degrees forward/backward with landscape/portrait setting                           |   |
| Operating Environment                              | Temperature : 0 °C to 40 °C (32°F to 104°F) / Humidity: 20% to 80% (Non-condensation)   |   |
| Storage Environment                                | Temperature : -20 °C to 60 °C (-4°F to 140°F) / Humidity: 20% to 80% (Non-condensation) |   |
| Operating Time <sup>**3</sup>                      | 24 h/day  |   |
| <b>OPTIONS</b>                                     |   |   |
| 3G-SDI Terminal Board                              | TY-SB01SS   | TY-SB01SS                                       |
| Wall-hanging Bracket                               | TY-WK98PV1  | TY-WK98PV1                                      |
| Early Warning Software <sup>**4</sup>              | ET-SWA100/105 Series  | ET-SWA100/105 Series                            |
| Digital Interface Box                              | ET-YFB100G  | ET-YFB100G                                      |
| DIGITAL LINK Switcher                              | ET-YFB200G  | ET-YFB200G                                      |
| Auto Display Adjustment Upgrade Kit <sup>**5</sup> | TY-VUK10  | TY-VUK10  |

\*1: HDCP2.2 supported. \*2: RGB/YPbPr switchable.

\*3: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*4: Multi Monitoring & Control Software Ver.2.0 or later is required. Part number suffix may differ depending on the license type.

\*5: Download the latest Video Wall Manager from Global Website in advance. (<https://panasonicnet/cns/prodisplays/download/software/vwm/>)

\* The handle part excluded, the thickness is 81 mm (3.17": TH-98SQ1)/76 mm (2.99": TH-86SQ1).

## A wide range of professional applications



### Public Information

Time tables, flight schedules, and other information in small text are clearly displayed. The use of durable components enables continuous, 24-hour operation.



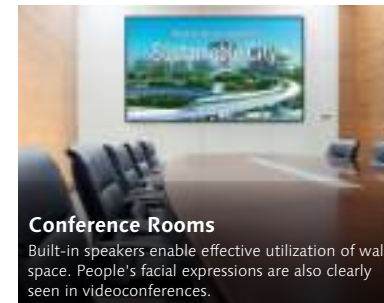
### Shopping Malls

Material textures and depths are realistically reproduced. Outstanding expression provides high-class, eye-catching displays.



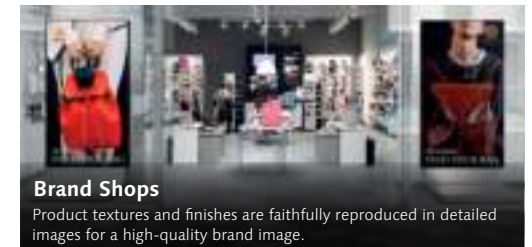
### Meeting Spaces

Large-screen, highly detailed images are ideal for simulation applications. CAD and other precise illustrations can be shared among many people.



### Conference Rooms

Built-in speakers enable effective utilization of wall space. People's facial expressions are also clearly seen in videoconferences.



### Brand Shops

Product textures and finishes are faithfully reproduced in detailed images for a high-quality brand image.



### Broadcasting Stations and Studios

Beautiful, large-screen 4K images provide clear images.



### Art Galleries and Museums

The brush strokes and materials of exhibit items are beautifully expressed in 4K images. Ideal for use in art gallery and museum events.

# SQ1 Series

Standard



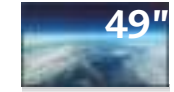
75"



65"



55"



49"



| Model no.                             | TH-75SQ1   | TH-65SQ1  | TH-55SQ1   | TH-49SQ1                                     |
|---------------------------------------|--|---|--|--|
| <b>DISPLAY PANEL</b>                  |  |   |  |  |
| Screen size (Diagonal)/Aspect Ratio   | 75-inch (1892.7 mm)/16:9   | 65-inch (1638.9 mm) /16:9   | 55-inch (1387.8 mm) /16:9  | 49-inch (1232.0 mm) /16:9                    |
| Panel Type                            | IPS/Edge LED   | IPS/Edge LED  | IPS/Edge LED   | IPS/Edge LED                                 |
| Effective Display Area (W x H)        | 1649.6 x 927.9 mm (64.94" x 36.53")  | 1428.4 x 803.5 mm (56.23" x 31.63")   | 1209.6 x 680.4 mm (47.62" x 26.78")  | 1073.8 x 604.0 mm (42.27" x 23.77")          |
| Resolution (H x V)                    | 3840 x 2160  | 3840 x 2160   | 3840 x 2160  | 3840 x 2160                                  |
| Brightness                            | 500 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>   | 500 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>                        |
| Contrast Ratio                        | 1200:1   | 1100:1  | 1100:1   | 1100:1                                       |
| Response Time                         | 8.0 ms (G to G)  | 8.0 ms (G to G)   | 8.0 ms (G to G)  | 8.0 ms (G to G)                              |
| Viewing Angle (Horizontal/Vertical)   | 178° / 178° (CR≥10)  | 178° / 178° (CR≥10)   | 178° / 178° (CR≥10)  | 178° / 178° (CR≥10)                          |
| Panel Surface Treatment               | Anti-Glare (Haze 28 %)   | Anti-Glare (Haze 28 %)  | Anti-Glare (Haze 28 %)   | Anti-Glare (Haze 28 %)                       |
| <b>TERMINAL</b>                       |  |   |  |  |
| HDMI In                               | HDMI TYPE A Connector x 2 (HDCP2.2 supported)  |   | HDMI TYPE A Connector x 2 (HDCP2.2 supported)  |  |
| DisplayPort In                        | DisplayPort x 1 (HDCP2.2 supported)*1  |   | DisplayPort x 1 (HDCP2.2 supported)*1  |  |
| DisplayPort Out                       | DisplayPort x 1 (HDCP1.4 supported)*1  |   | DisplayPort x 1 (HDCP1.4 supported)*1  |  |
| USB                                   | USB Connector (TYPE-A) x 2, DC 5 V/2 A, DC 5V/1A (USB 3.0 Supported)   |   | USB Connector (TYPE-A) x 2, DC 5 V/2 A, DC 5V/1A (USB 3.0 Supported)   |  |
| DVI-D In                              | DVI-D 24-pin x 1 (DVI Revision 1.0 Compliant), HDCP 1.1 compatible   |   | DVI-D 24-pin x 1 (DVI Revision 1.0 Compliant), HDCP 1.1 compatible   |  |
| Audio In (L/R)                        | Stereo Mini Jack (M3) x 2 (Shared with PC In)  |   | Stereo Mini Jack (M3) x 2 (Shared with PC In)  |  |
| PC In                                 | Mini D-sub 15-pin x 1 (Female)   |   | Mini D-sub 15-pin x 1 (Female)   |  |
| Audio In (L/R)                        | Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)   |   | Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)   |  |
| Audio Out                             | 30 W (15 W + 15 W) 10% THD   |   | 30 W (15 W + 15 W) 10% THD   |  |
| Serial In                             | D-Sub 9-pin x 1, RS232C Compatible   |   | D-Sub 9-pin x 1, RS232C Compatible   |  |
| DIGITAL LINK                          | RJ45 x 1, 100 BASE-TX, Compatible with long reach mode and PLink™  |   | RJ45 x 1, 100 BASE-TX, Compatible with long reach mode and PLink™  |  |
| LAN                                   | RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PLink™  |   | RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PLink™  |  |
| IR In/Out                             | Stereo Mini Jack (M3) x 1 / x 1  |   | Stereo Mini Jack (M3) x 1 / x 1  |  |
| Function Slot                         | x1 (Intel® SDM specification)  |   | x1 (Intel® SDM specification)  |  |
| <b>GENERAL</b>                        |  |   |  |  |
| Power Requirements                    | 220-240 V AC, 50 Hz/60 Hz  | 220-240 V AC, 50 Hz/60 Hz   | 220-240 V AC, 50 Hz/60 Hz  | 220-240 V AC, 50 Hz/60 Hz                    |
| Power Consumption                     | 385 W (TBD)  | 320 W   | 300 W  | 285 W  |
| Power Off Condition                   | Approx. 0.3 W  | Approx. 0.3 W   | Approx. 0.3 W  | Approx. 0.5 W                                |
| Stand-by Condition                    | Approx. 0.5 W  | Approx. 0.5 W   | Approx. 0.5 W  | Approx. 0.3 W                                |
| Dimensions (W x H x D)                | 1681 x 959 x 73 mm (66.15" x 37.75" x 2.87")   | 1458 x 836 x 77 mm (57.40" x 32.90" x 3.02")  | 1240 x 714 x 74 mm (48.82" x 28.09" x 2.91")   | 1104 x 637 x 73 mm (43.48" x 25.08" x 2.88") |
| Carton Size (W x H x D)               | 1832 x 1283 x 280 mm (72.13" x 50.52" x 11.03")  | 1642 x 1037 x 248 mm (64.7" x 40.9" x 9.8")   | 1404 x 879 x 203 mm (55.3" x 34.6" x 8.0")   | 1248 x 800 x 185 mm (49.2" x 31.5" x 7.8")   |
| Bezel Width                           | T/B/L/R: 14.8 mm (0.58")   | T: 12.2 mm (0.48"), B: 15.8 mm (0.62"), L/R: 12.7 mm (0.50")  | T: 12.2 mm (0.48"), B: 15.8 mm (0.62"), L/R: 12.7 mm (0.50")   | T/B: 14.2 mm (0.56"), L/R: 12.9 mm (0.51")   |
| Weight                                | Approx. 56.0 kg (123.5 lbs.)   | Approx. 36.0 kg (79.4 lbs.)   | Approx. 25.5 kg (56.3 lbs.)  | Approx. 21.0 kg (46.3 lbs.)                  |
| Gross Weight                          | Approx. 71.0 kg (156.6 lbs.)   | Approx. 47.0 kg (103.7 lbs.)  | Approx. 34.0 kg (75.0 lbs.)  | Approx. 27.0 kg (59.6 lbs.)                  |
| Pitch for Wall-Hanging                | VESA compliant 600 x 400 mm (23.6" x 15.8")  | VESA compliant 400 x 400 mm (15.8" x 15.8")   | VESA compliant 400 x 400 mm (15.8" x 15.8")  | VESA compliant 400 x 400 mm (15.8" x 15.8")  |
| Built-in Speaker                      | Yes  | Yes   | Yes  | Yes  |
| Orientation                           | Landscape/Portrait*2   |   | Landscape/Portrait*2   |  |
| Tilting Angle*3                       | Landscape setting: 0 - 45 degrees forward/backward<br>Portrait setting: 0 - 20 degrees forward/backward                        | Landscape setting: 0 - 45 degrees forward/backward<br>Portrait setting: 0 - 45 degrees forward/backward | Landscape setting: 0 - 45 degrees forward/backward<br>Portrait setting: 0 - 45 degrees forward/backward                        |  |
| Operating Environment                 | Temperature: 0 °C to 40 °C (32 °F to 104 °F)*4 / 0 °C to 35 °C (32 °F to 95 °F)*5,<br>Humidity: 20 % to 80 % (No Condensation) |   | Temperature: 0 °C to 40 °C (32 °F to 104 °F)*4 / 0 °C to 35 °C (32 °F to 95 °F)*5,<br>Humidity: 20 % to 80 % (No Condensation) |  |
| Storage Environment                   | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)                                       |   | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)                                       |  |
| Operating Time*6                      | 24 h/day   |   | 24 h/day   |  |
| <b>OPTIONS</b>                        |  |   |  |  |
| 3G-SDI Terminal Board                 | TY-SB01SS  | TY-SB01SS   | TY-SB01SS  | TY-SB01SS                                    |
| Pedestal                              | TY-ST55PE9   | TY-ST55PE9  | TY-ST55PE9   | TY-ST43PE9                                   |
| Wall-Hanging Bracket                  | TY-WK98PV1   | TY-WK98PV1  | —  | —  |
| Digital Interface Box                 | ET-YFB100G   | ET-YFB100G  | ET-YFB100G   | ET-YFB100G                                   |
| DIGITAL LINK Switcher                 | ET-YFB200G   | ET-YFB200G  | ET-YFB200G   | ET-YFB200G                                   |
| Early Warning Software*7              | ET-SWA100/105 Series   | ET-SWA100/105 Series  | ET-SWA100/105 Series   | ET-SWA100/105 Series                         |
| Auto Display Adjustment Upgrade Kit*8 | TY-VUK10   | TY-VUK10  | TY-VUK10   | TY-VUK10                                     |

\*1: Input: HDCP 2.2 Output: NG / Input: HDCP 1.4 Output: HDCP 1.4 / Input: No HDCP Output: No HDCP

\*2: When installing the display vertically, be sure that the power indicator comes to the right side.

\*3: Please contact your sales representative with regard to the tilt angle before installation.

\*4: For up to 1400 m (4593 ft) altitude.

\*5: For between 1400m (4593 ft) to 2800 m (9186 ft) altitude.

\*6: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*7: Multi Monitoring & Control Software Ver. 2.1 or later is required. Part number suffix may differ depending on the license type.

\*8: Download the latest Video Wall Manager from Global Website in advance. (<https://panasonic.net/cns/prodisplays/download/software/vwm/>)

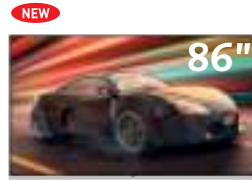
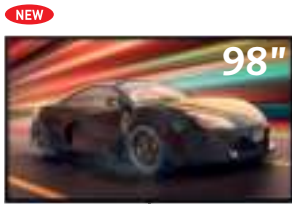
## 12GSDI Terminal Board TY-SB01QS

This SDI terminal board is able to input 12G-SDI signals into displays and are perfectly compatible with all our SDM enabled Displays.

\*This terminal board is supported only when the main software version of the display is 3.5000 or later and the sub software version of the display is 03.50 or later. For updates, please contact your Panasonic dealer.

# SQE2 Series

Available from March



| Model no.                                   | TH-98SQE2   | TH-86SQE2   | TH-75SQE2   |
|---|---|---|---|
| <b>DISPLAY PANEL</b>                        |   |   |   |
| Screen Size (Diagonal)/Aspect Ratio         | 98-inch (2476.9 mm)/16:9  | 86-inch (2174.2 mm)/16:9                                | 75-inch class/16:9  |
| Effective Display Area (W x H)              | 2158.8 x 1214.3 mm  | 1895.0 x 1065.9 mm                                      | 1649.6 x 927.9 mm (64.94" x 36.53")   |
| Resolution (H x V)                          | 3840 x 2160   | 3840 x 2160   | 3840 x 2160   |
| Brightness (Typ)                            | 500 cd/m <sup>2</sup>   | 500 cd/m <sup>2</sup>                                   | 500 cd/m <sup>2</sup>   |
| Contrast Ratio                              | 1200:1  | 1100:1  | 1200:1  |
| Dynamic Contrast Ratio                      | 50000:1   | 50000:1   | 50000:1   |
| Response Time                               | 8.0 ms (G to G)   | 8.0 ms (G to G)   | 8.0 ms (typ.)   |
| Viewing Angle (Horizontal/Vertical)         | 178°/178° (CR>10)   | 178° / 178° (CR≥10)                                     | 178° / 178° (CR>10)   |
| Panel Surface Treatment                     | Anti-Glare (Haze 25 %)  | Anti-Glare Low Reflection (Haze 28 %)                   | Anti-Glare (Haze 25 %)  |
| <b>TERMINAL</b>                             |   |   |   |
| HDMI In/DIGITAL Out                         | HDMI (HDCP2.2) x 4 / HDMI (HDCP2.2) x 1   |   | HDMI (HDCP2.2) x 4 / HDMI (HDCP2.2) x 1   |
| DisplayPort In                              | DisplayPort x 1   |   | DisplayPort x 1   |
| USB   | USB Type-A x 2, USB Type-A (Internal) x 1, USB Type-C (DC 5 V/3 A) x 1  |   | USB Type-A x 2, USB Type-A (Internal) x 1, USB Type-C (DC 5 V/3 A) x 1  |
| Audio Out                                   | Stereo Mini Jack (ø3.5 mm) x 1, SPDIF x 1   |   | Stereo Mini Jack (ø3.5 mm) x 1, SPDIF x 1   |
| Serial In                                   | Stereo Mini Jack(ø3.5 mm) x 1, RS-232C Compatible   |   | Stereo Mini Jack (ø3.5 mm) x 1, RS-232C Compatible  |
| LAN   | RJ45 x 1, 10BASE-T/100BASE-TX/1000BASE-T  |   | RJ45 x 1, 10BASE-T/100BASE-TX/1000BASE-T  |
| IR In                                       | Stereo Mini Jack (ø3.5 mm) x 1  |   | Stereo Mini Jack (ø3.5 mm) x 1  |
| Function Slot                               | Intel® SDM standard (66 W(TBD))   |   | Intel® SDM standard (66 W(TBD))   |
| Wi-Fi                                       | Yes (USB Dongle)  |   | Yes (Built-in) IEEE 802.11 a/b/g/n Dual, Wi-Fi certified  |
| Bluetooth                                   | Yes (USB Dongle) Bluetooth5.1 with BLE  |   | Yes (USB Dongle) Ver4.2, HID, A2DP  |
| <b>GENERAL</b>                              |   |   |   |
| Power Requirements                          | AC 110 - 240 V 50 Hz / 60 Hz TBD  |   | AC 110 - 240 V 50 Hz / 60 Hz  |
| Power Consumption                           | TBD   |   | TBD   |
| Power Off Condition                         | TBD   |   | TBD   |
| Stand-by Condition                          | TBD   |   | TBD   |
| Dimensions (W x H x D)*1                    | 2216 x 1271 x 99 mm (87.25" x 50.02" x 3.87")   | 1929 x 1100 x 81 mm (75.91" x 43.28" x 3.16")           | 1684 x 968 x 100 mm (66.28" x 38.09" x 3.92")   |
| Carton Size (W x H x D)                     | 2435 x 1684 x 387 mm (95.87" x 66.30" x 15.24")   | 2163 x 1405 x 380 mm (85.16" x 55.32" x 14.96")         | 1948 x 1170 x 210 mm (76.70" x 46.07" x 8.27")  |
| Bezel Width                                 | 28.2 mm (1.11") (T/R/L/R)   | 15.3 mm (0.6") (T/R/L/R)                                | 15.7 mm (0.62") (T/R/L), 21.5 mm (0.85") (B)  |
| Weight                                      | Approx. 99.8 kg (220.1 lbs.)  | Approx. 62.9 kg (138.7 lbs.)                            | Approx. 37.4 kg (82.5 lbs.)   |
| Gross Weight                                | TBD   | TBD   | TBD   |
| Pitch for Wall-Hanging                      | VESA Compliant 800 x 400 mm,<br>Installed by: M8 screws   | VESA Compliant 600 x 400 mm,<br>Installed by: M8 screws | VESA Compliant 600 x 400 mm,<br>Installed by: M8 screws   |
| Built-in Speaker                            | (6 W x 2) x 2   |   | (6 W x 2) x 2   |
| Orientation*2                               | Landscape/Portrait  |   | Landscape/Portrait  |
| Tilting Angle*3                             | 20 degrees forward and backward with landscape/portrait setting   |   | 20 degrees forward and backward with landscape/portrait setting   |
| Operating Environment                       | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude<br>Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m (9186 ft) |   | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude<br>Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m (9186 ft) |
| Storage Environment                         | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)  |   | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)  |
| Operating Time*4                            | 24 h/day  |   | 24 h/day  |
| HTML Browser                                | HTML5 (Vwed)  |   | HTML5 (Vwed)  |
| Android-OS                                  | Yes   |   | Yes   |
| <b>OPTIONS</b>                              |   |   |   |
| 12G-SDI Terminal Board*5                    | TY-SB01QS   | TY-SB01QS   | TY-SB01QS   |
| Wireless Presentation System Receiver Board | TY-SB01WP   | TY-SB01WP   | TY-SB01WP   |
| DIGITAL LINK Board*6                        | TY-SB01DL   | TY-SB01DL   | TY-SB01DL   |
| Early Warning Software*7                    | ET-SWA100/105 Series  |   | T-SWA100/105 Series   |

\*1: Not including remote controller sensor box.

\*2: When installing the Display vertically, be sure to rotate clockwise and install.

\*3: Please contact your sales representative with regard to the tilt angle before installation.

\*4: Displaying a still image for a long time may cause burn-in (image persistence artifacts), it could be mitigated when display video image.

\*5: Some functions are not supported.

\*6: LAN control is not supported.

\*7: Multi Monitoring & Control Software Ver. 2.1 or later is required. Suffix of the part number may differ depending on the license type.

## Standard

### Standard equipped a wide range of terminals. Meets a wide range of applications

Equipped with a DisplayPort input and output and Wi-Fi to enable wireless transmission with a PC. In addition to storefront signage, the SQE2 Series meets a wide range of applications such as a conference monitor and surveillance monitor



### Preinstalled HTML5 Browser Allows for Easy Signage Updates

The SQE2 series is preinstalled with the Android-based HTML5 browser. So, it can serve as signage without an external device, such as a set-top box or PC, or without a connection cable.



# SQE2 Series

Standard

Available from March

NEW



65"



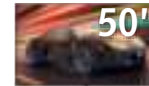
NEW



55"



NEW



50"



NEW



43"



| Model no.                                   | TH-65SQE2  | TH-55SQE2  | TH-50SQE2  | TH-43SQE2                                   |
|---|--|--|--|---|
| <b>DISPLAY PANEL</b>                        |  |  |  |   |
| Screen Size (Diagonal)/Aspect Ratio         | 65-inch class/16:9   | 55-inch class/16:9   | 50-inch class/16:9   | 43-inch class/16:9                          |
| Effective Display Area (W x H)              | 1428.4 x 803.5 mm (56.23" x 31.63")  | 1209.6 x 680.4 mm (47.62" x 26.78")                                    | 1095.8 x 616.4 mm (43.14" x 24.26")  | 941.1 x 529.4 mm (37.05" x 20.84")          |
| Resolution (H x V)                          | 3840 x 2160  | 3840 x 2160  | 3840 x 2160  | 3840 x 2160                                 |
| Brightness (Typ)                            | 500 cd/m2  | 500 cd/m2  | 500 cd/m2  | 500 cd/m2                                   |
| Contrast Ratio                              | 1200:1   | 1200:1   | 5000:1   | 1200:1                                      |
| Dynamic Contrast Ratio                      | 50000:1  | 50000:1  | 50000:1  | 50000:1                                     |
| Response Time                               | 8.0 ms (typ.)  | 8.0 ms (typ.)  | 9.5 ms (typ.)  | 8.0 ms (typ.)                               |
| Viewing Angle (Horizontal/Vertical)         | 178° / 178° (CR>10)  | 178° / 178° (CR>10)  | 178° / 178° (CR>10)  | 178° / 178° (CR>10)                         |
| Panel Surface Treatment                     | Anti-Glare (Haze 25 %)   | Anti-Glare (Haze 25 %)   | Anti-Glare (Haze 25 %)   | Anti-Glare (Haze 25 %)                      |
| <b>TERMINAL</b>                             |  |  |  |   |
| HDMI In/DIGITAL Out                         | HDMI (HDCP2.2) x 4 / HDMI (HDCP2.2) x 1  | HDMI (HDCP2.2) x 4 / HDMI (HDCP2.2) x 1                                | HDMI (HDCP2.2) x 4 / HDMI (HDCP2.2) x 1  |   |
| DisplayPort In                              | DisplayPort x 1  | DisplayPort x 1  | DisplayPort x 1  |   |
| USB   | USB Type-A x 2, USB Type-A (Internal) x 1, USB Type-C (DC 5 V/3 A) x 1   | USB Type-A x 2, USB Type-A (Internal) x 1, USB Type-C (DC 5 V/3 A) x 1 | USB Type-A x 2, USB Type-A (Internal) x 1, USB Type-C (DC 5 V/3 A) x 1   |   |
| Audio Out                                   | Stereo Mini Jack (φ3.5 mm) x 1, SPDIF x 1  | Stereo Mini Jack (φ3.5 mm) x 1, SPDIF x 1                              | Stereo Mini Jack (φ3.5 mm) x 1, SPDIF x 1  |   |
| Serial In                                   | Stereo Mini Jack (φ3.5 mm) x 1, RS-232C Compatible   | Stereo Mini Jack (φ3.5 mm) x 1, RS-232C Compatible                     | Stereo Mini Jack (φ3.5 mm) x 1, RS-232C Compatible   |   |
| LAN   | RJ45 x 1, 10BASE-T/100BASE-TX/1000BASE-T   | RJ45 x 1, 10BASE-T/100BASE-TX/1000BASE-T                               | RJ45 x 1, 10BASE-T/100BASE-TX/1000BASE-T   |   |
| IR In                                       | Stereo Mini Jack (φ3.5 mm) x 1   | Stereo Mini Jack (φ3.5 mm) x 1   | Stereo Mini Jack (φ3.5 mm) x 1   |   |
| Function Slot                               | Intel® SDM standard (66 W(TBD))  | Intel® SDM standard (66 W(TBD))  | Intel® SDM standard (66 W(TBD))  | Intel® SDM standard (50 W)                  |
| Wi-Fi                                       | Yes (Built-in) IEEE 802.11 a/b/g/n Dual, Wi-Fi certified   | Yes (Built-in) IEEE 802.11 a/b/g/n Dual, Wi-Fi certified               | Yes (Built-in) IEEE 802.11 a/b/g/n Dual, Wi-Fi certified   |   |
| Bluetooth                                   | Yes (USB Dongle) Ver4.2, HID, A2DP   | Yes (USB Dongle) Ver4.2, HID, A2DP                                     | Yes (USB Dongle) Ver4.2, HID, A2DP   |   |
| <b>GENERAL</b>                              |  |  |  |   |
| Power Requirements                          | AC 110 - 240 V 50 Hz / 60 Hz   | AC 110 - 240 V 50 Hz / 60 Hz   | AC 110 - 240 V 50 Hz / 60 Hz   | AC 110 - 240 V 50 Hz / 60 Hz                |
| Power Consumption                           | TBD  | TBD  | TBD  | TBD   |
| Power Off Condition                         | TBD  | TBD  | TBD  | TBD   |
| Stand-by Condition                          | TBD  | TBD  | TBD  | TBD   |
| Dimensions (W x H x D)*1                    | 1456 x 835 x 96 mm (57.32" x 32.84" x 3.78")   | 1236 x 710 x 84 mm (48.64" x 27.92" x 3.28")                           | 1121 x 646 x 83 mm (44.12" x 25.43" x 3.27")   | 964 x 555 x 83 mm (37.92" x 21.85" x 3.26") |
| Carton Size (W x H x D)                     | TBD  | 1369 x 874 x 165 mm (53.90" x 34.41" x 6.50")                          | TBD  | TBD   |
| Bezel Width                                 | 12.9 mm (0.51") (T/R/L), 16.1 mm (0.63") (B)   | 11 mm (0.43") (T/R/L), 13.8 mm (0.54") (B)                             | 10 mm (0.39") (T/R/L), 15.5 mm (0.61") (B)   | 8.4 mm (0.33") (T/R/L), 12 mm (0.47") (B)   |
| Weight                                      | TBD  | TBD  | TBD  | TBD   |
| Gross Weight                                | TBD  | TBD  | TBD  | TBD   |
| Pitch for Wall-Hanging                      | VESA Compliant 600 x 400 mm,<br>Installed by: M6 screws  | VESA Compliant 400 x 400 mm,<br>Installed by: M6 screws                | VESA Compliant 200 x 200mm,<br>Installed by: M6 screws   |   |
| Built-in Speaker                            | 10 W x 2   |  | 10 W x 2   | 8 W x 2                                     |
| Orientation*2                               | Landscape/Portrait   |  | Landscape/Portrait   |   |
| Tilting Angle*3                             | 45 degrees forward and backward with landscape/portrait setting  |  | 45 degrees forward and backward with landscape/portrait setting  |   |
| Operating Environment                       | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95°F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude<br>Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m (9186 ft) |  | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95°F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude<br>Humidity: 20 % to 80 % (No Condensation), Altitude: lower than 2800 m (9186 ft) |   |
| Storage Environment                         | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)   |  | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)   |   |
| Operating Time*4                            | 24 h/day   |  | 24 h/day   |   |
| HTML Browser                                | HTML5 (Vwed)   |  | HTML5 (Vwed)   |   |
| Android-OS                                  | Yes  |  | Yes  |   |
| <b>OPTIONS</b>                              |  |  |  |   |
| 12G-SDI Terminal Board*5                    | TY-SB01QS  | TY-SB01QS  | TY-SB01QS  | TY-SB01QS                                   |
| Wireless Presentation System Receiver Board | TY-SB01WP  | TY-SB01WP  | TY-SB01WP  | TY-SB01WP                                   |
| DIGITAL LINK Board*6                        | TY-SB01DL  | TY-SB01DL  | TY-SB01DL  | TY-SB01DL                                   |
| Early Warning Software*7                    | ET-SWA100/105 Series   | ET-SWA100/105 Series   | ET-SWA100/105 Series   | ET-SWA100/105 Series                        |

\*1: Not including remote controller sensor box.

\*2: When installing the Display vertically, be sure to rotate clockwise and install.

\*3: Please contact your sales representative with regard to the tilt angle before installation.

\*4: Displaying a still image for a long time may cause burn-in (image persistence artifacts), it could be mitigated when display video image.

\*5: Some functions are not supported.

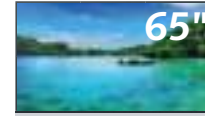
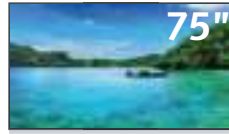
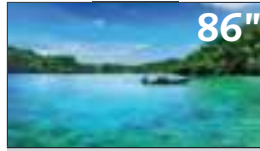
\*6: LAN control is not supported.

\*7: Multi Monitoring & Control Software Ver. 2.1 or later is required. Suffix of the part number may differ depending on the license type.



# EQ2 Series

Standard



| Model no.                           | TH-86EQ2  | TH-75EQ2   | TH-65EQ2   | TH-55EQ2   |
|-------------------------------------|---|--|--|--|
| <b>DISPLAY PANEL</b>                |   |  |  |  |
| Screen Size (Diagonal)/Aspect Ratio | 86-inch (2174.2 mm) /16:9   | 75-inch (1892.7 mm) /16:9  | 65-inch (1638.9 mm) /16:9  | 55-inch (1387.8 mm) /16:9  |
| Effective Display Area (W x H)      | 1895.0 x 1065.9 mm (74.60" x 41.96")  | 1649.6 x 927.9 mm (64.94" x 36.53")  | 1428.4 x 803.5 mm (56.23" x 31.63")  | 1209.6 x 680.4 mm (47.62" x 26.78")  |
| Resolution (H x V)                  | 3840 x 2160   | 3840 x 2160  | 3840 x 2160  | 3840 x 2160  |
| Brightness (Typ)                    | 500 cd/m <sup>2</sup>   | 500 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>  |
| Contrast Ratio                      | 1200:1  | 1200:1   | 1200:1   | 1200:1   |
| Dynamic Contrast Ratio              | 50000:1   | 50000:1  | 50000:1  | 50000:1  |
| Response Time                       | 8.0 ms (G to G)   | 8.0 ms (G to G)  | 8.0 ms (G to G)  | 8.0 ms (G to G)  |
| Viewing Angle (Horizontal/Vertical) | 178°/178° (CR>10)   | 178°/178° (CR>10)  | 178°/178° (CR>10)  | 178°/178° (CR>10)  |
| Panel Surface Treatment             | Anti-Glare (Haze 25 %)  | Anti-Glare (Haze 25 %)   | Anti-Glare (Haze 25 %)   | Anti-Glare (Haze 25 %)   |
| <b>TERMINAL</b>                     |   |  |  |  |
| HDMI In                             | HDMI TYPE-A Connector x 3 (HDCP2.2 supported)   |  | HDMI TYPE-A Connector x 3 (HDCP2.2 supported)  |  |
| Audio In (L/R)                      | Stereo Mini Jack (φ3.5 mm) x 1 (Shared with AV/PC In)   |  | Stereo Mini Jack (φ3.5 mm) x 1 (Shared with AV/PC In)  |  |
| PC In                               | Mini D-sub 15-pin x 1 (Female)  |  | Mini D-sub 15-pin x 1 (Female)   |  |
| Audio In (L/R)                      | Stereo Mini Jack (M3) x 1   |  | Stereo Mini Jack (M3) x 1  |  |
| USB                                 | Type A: DC 5 V/1 A, USB 3.0 is supported,<br>Type A: DC 5 V/2 A, USB 2.0 is supported,<br>Type C: max ~ 60W (Power Delivery compatible), USB2.0 is supported, DisplayPort Alternate mode compatible         |  | Type A: DC 5 V/1 A, USB 3.0 is supported,<br>Type A: DC 5 V/2 A, USB 2.0 is supported,<br>Type C: max ~ 60W (Power Delivery compatible), USB2.0 is supported, DisplayPort Alternate mode compatible          |  |
| Serial In                           | D-sub 9-pin x 1, RS-232C Compatible   |  | D-sub 9-pin x 1, RS-232C Compatible  |  |
| DIGITAL LINK                        | -   |  | -  |  |
| LAN                                 | RJ45 x 1, RJ45 10BASE-T/100BASE-TX  |  | RJ45 x 1, RJ45 10BASE-T/100BASE-TX   |  |
| IR In/Out                           | Stereo Mini Jack (M3) x 1 / x 1   |  | Stereo Mini Jack (M3) x 1 / x 1  |  |
| Audio Out                           | Stereo Mini Jack (M3) x 1   |  | Stereo Mini Jack (M3) x 1  |  |
| SLOT                                | SDM-S / SDM-L, 3.3 V/max.1.1 A, 12 V/max 5.5 A  |  | SDM-S / SDM-L, 3.3 V/max.1.1 A, 12 V/max 5.5 A   |  |
| <b>GENERAL</b>                      |   |  |  |  |
| Power Requirements                  | AC 110 - 240 V 50 Hz / 60 Hz  | AC 110 - 240 V 50 Hz / 60 Hz   | AC 110 - 240 V 50 Hz / 60 Hz   | AC 110 - 240 V 50 Hz / 60 Hz   |
| Power Consumption                   | 580 W   | 385 W  | 340 W  | 280 W  |
| Power Off Condition                 | Approx. 0.3 W   | Approx. 0.3 W  | Approx. 0.3 W  | Approx. 0.3 W  |
| Stand-by Condition                  | Approx. 0.5 W   | Approx. 0.5 W  | Approx. 0.5 W  | Approx. 0.5 W  |
| Dimensions (W x H x D*)             | 1929 x 1100 x 96 mm (75.95" x 43.31" x 3.76")*1   | 1684 x 962 x 96 mm (66.28" x 37.87" x 3.76")*1                                   | 1463 x 838 x 94 mm (57.58" x 32.97" x 3.68")*1   | 1242 x 713 x 66 mm (48.89" x 28.06" x 2.60")*1                                   |
| Carton Size (W x H x D)             | 2130 x 1321 x 248 mm (83.86" x 52.01" x 9.77")  | 1870 x 1143 x 280 mm (73.63" x 45.00" x 11.03")                                  | 1616 x 998 x 187 mm (63.63" x 39.30" x 7.37")  | 1350 x 860 x 160 mm (53.15" x 33.86" x 6.30")                                    |
| Bezel Width                         | 15.5 mm (0.61") (T/R/L/B)   | 14.9 mm (0.59") (T/R/L/B)  | 14.9 mm (0.59") (T/R/L/B)  | 13.9 mm (0.55") (T/R/L/B)  |
| Weight                              | Approx. 50.7 kg (111.8 lbs.)  | Approx. 37.3 kg (82.2 lbs.)  | Approx. 29.7 kg (65.5 lbs.)  | Approx. 18.0 kg (39.7 lbs.)  |
| Gross Weight                        | Approx. 71.0 kg (156.5 lbs.)  | Approx. 51.0 kg (112.4 lbs.)   | Approx. 40.0 kg (88.2 lbs.)  | Approx. 25.0 kg (55.1 lbs.)  |
| Pitch for Wall-Hanging              | 600 x 400 mm (23.6" x 15.8") VESA Compliant, M8 (Screw hole depth: 20 mm (0.8"))  | 600 x 400 mm (23.6" x 15.8") VESA Compliant, M8 (Screw hole depth: 18 mm (0.7")) | VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6 (Screw hole depth: 20 mm (0.8"))   | VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6 (Screw hole depth: 18 mm (0.7")) |
| Built-in Speaker                    | 20 W [10 W + 10 W]<br>Landscape/Portrait  |  | 20 W [10 W + 10 W]<br>Landscape/Portrait   |  |
| Orientation                         | Landscape/Portrait  |  | Landscape/Portrait   |  |
| Tilting Angle*2                     | 0-20 degrees forward / backward with landscape / portrait setting   |  | 0-20 degrees forward/backward with landscape/portrait setting  |  |
| Operating Environment               | Temperature: 0 °C to 40 °C (32 °F to 104 °F) / for up to 1400 m (4593 ft) altitude,<br>0 °C to 35 °C (32 °F to 95 °F) / Altitude 1400-2800 m [4593 ft to 9186 ft] / Humidity: 20 % - 80 % (No condensation) |  | Temperature: 0 °C to 40 °C (32 °F to 104 °F) / for up to 1400 m (4593 ft) altitude,<br>0 °C to 35 °C (32 °F to 95 °F) / Altitude 1400-2800 m [4593 ft to 9186 ft] / Humidity: 20 % to 80 % (No condensation) |  |
| Storage Environment                 | Temperature: -20 °C to 60 °C (-4 °F to 140 °F) / Humidity: 20 % to 80 % (Non condensation)  |  | Temperature: -20 °C to 60 °C (-4 °F to 140 °F) / Humidity: 20 % to 80 % (Non condensation)   |  |
| Operating Time*3                    | 18 h/day  |  | 18 h/day   |  |
| <b>OPTIONS</b>                      |   |  |  |  |
| Pedestal                            | -   |  | TY-ST75PE9   |  |
| Wall-hanging Bracket                | TY-WK98PV1  |  | TY-WK98PV1   |  |
| Early Warning Software*4            | ET-SWA100/105 Series  |  | ET-SWA100/105 Series   |  |

\*1: Including handles.

\*2: Please contact your sales representative with regard to the tilt angle before installation.

\*3: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*4. Multi Monitoring & Control Software Ver. 2.0 or later is required. Suffix of the part number may differ depending on the licence type.



| Model no.                           | TH-50EQ2   | TH-43EQ2                           |
|-------------------------------------|--|------------------------------------|
| <b>DISPLAY PANEL</b>                |  |                                    |
| Screen Size (Diagonal)/Aspect Ratio | 50-inch (1257.3 mm) /16:9  | 43-inch (1079.8 mm) /16:9          |
| Effective Display Area (W x H)      | 1095.8 x 616.4 mm (43.14" x 24.26")  | 941.1 x 529.4 mm (37.05" x 20.84") |
| Resolution (H x V)                  | 3840 x 2160  | 3840 x 2160                        |
| Brightness (Typ)                    | 500 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>              |
| Contrast Ratio                      | 5000:1   | 1200:1                             |
| Dynamic Contrast Ratio              | 50000:1  | 50000:1                            |
| Response Time                       | 9.5 ms (G to G)  | 8.0 ms (G to G)                    |
| Viewing Angle (Horizontal/Vertical) | 178°/178° (CR>10)  | 178°/178° (CR>10)                  |
| Panel Surface Treatment             | Anti-Glare (Haze 25 %)   | Anti-Glare (Haze 25 %)             |
| <b>TERMINAL</b>                     | HDMI In HDMI TYPE-A Connector x 3 (HDCP2.2 supported)<br>Audio In (L/R) Stereo Mini Jack (φ3.5 mm) x 1 (Shared with AV/PC In)<br>PC In Mini D-sub 15-pin x 1 (Female)<br>Audio In (L/R) Stereo Mini Jack (M3) x 1<br>USB Type A: DC 5 V/1 A, USB 3.0 is supported, Type A: DC 5 V/2 A, USB 2.0 is supported, Type C: max ~ 60W (Power Delivery compatible), USB2.0 is supported, DisplayPort Alternate mode compatible<br>Serial In D-sub 9-pin x 1, RS-232C Compatible<br>DIGITAL LINK —<br>LAN RJ45 x 1, RJ45 10BASE-T/100BASE-TX<br>IR In/Out Stereo Mini Jack (M3) x 1 / x 1<br>Audio Out Stereo Mini Jack (M3) x 1<br>SLOT SDM-S / SDM-L, 3.3 V/max.1.1 A, 12 V/max 5.5 A   |                                    |
| <b>GENERAL</b>                      | Power Requirements AC 110 - 240 V 50 Hz / 60 Hz AC 110 - 240 V 50 Hz / 60 Hz<br>Power Consumption 255 W 225 W<br>Power Off Condition Approx. 0.3 W Approx. 0.3 W<br>Stand-by Condition Approx. 0.5 W Approx. 0.5 W<br>Dimensions (W x H x D*) 1129 x 649 x 66 mm (44.43" x 25.56" x 2.60") 973 x 562 x 65 mm (38.31" x 22.10" x 2.56")<br>Carton Size (W x H x D) 1230 x 800 x 142 mm (48.43" x 31.50" x 5.60") 1070 x 673 x 141 mm (42.13" x 26.50" x 5.56")<br>Bezel Width 14.9 mm (0.59") (T/R/L/B) 13.9 mm (0.55") (T/R/L/B)<br>Weight Approx. 15.5 kg (34.2 lbs.) Approx. 11.7 kg (25.8 lbs.)<br>Gross Weight Approx. 21.0 kg (46.3 lbs.) Approx. 16.0 kg (35.3 lbs.)<br>Pitch for Wall-Hanging VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6 (Screw hole depth: 18 mm (0.7")) VESA Compliant 200 x 200 mm (7.9" x 7.9"), M6 (Screw hole depth 16 mm (0.6"))<br>Built-in Speaker 20 W [10 W + 10 W]<br>Orientation Landscape/Portrait<br>Tilting Angle*2 0-20 degrees forward/backward with landscape/portrait setting<br>Operating Environment Temperature: 0 °C to 40 °C (32 °F to 104 °F) / for up to 1400 m (4593 ft) altitude, 0 °C to 35 °C (32 °F to 95 °F) / Altitude 1400-2800 m (4593 ft to 9186 ft) / Humidity: 20 % - 80 % (No condensation)<br>Storage Environment Temperature: -20 °C to 60 °C (-4 °F to 140 °F) / Humidity: 20 % to 80 % (Non condensation)<br>Operating Time*3 18 h/day<br>Pedestal TY-ST43PE9 TY-ST43PE9<br>Wall-hanging Bracket — —<br>Early Warning Software*4 ET-SWA100/105 Series ET-SWA100/105 Series |                                    |
| <b>OPTIONS</b>                      |  |                                    |

\*1: Including handles.  
 \*2: Please contact your sales representative with regard to the tilt angle before installation.  
 \*3: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.  
 \*4. Multi Monitoring & Control Software Ver. 2.0 or later is required. Suffix of the part number may differ depending on the licence type.

## USB pass through function to save time and effort in meeting preparation

USB devices can be connected to the display via a USB Type-A cable and controlled using a PC connected to the EQ2 via the USB Type-C port.



If a camera or speakerphone is permanently connected to the display in a conference room, a user can just plug in their PC and immediately control the device to start the meeting.

## Supports the Next-Generation Intel® SDM Specification Slot Standard

The EQ2 Series is equipped with the new Intel® SDM specification slot standard that supports 4K signals.



It can be used with the receiver board version of Panasonic's wireless presentation system PressIT, or optional terminal boards such as 12G-SDI and DIGITAL LINK.



## Enables writing on the display screen

The EQ2 Series is equipped with a whiteboard function. By setting the USB receiver of the mouse on the display, you can use the mouse to write on the display screen and zoom in/out.



This is useful for facilitating efficient meetings.

# CQE2 Series

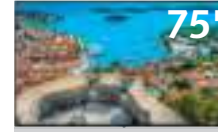
Available from March



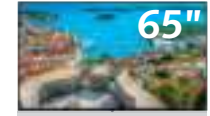
NEW



NEW



NEW



NEW



▶ Entry

| Model no.                           | TH-98CQE2  | TH-86CQE2                                       | TH-75CQE2  | TH-65CQE2                                    |
|-------------------------------------|--|---|--|--|
| <b>DISPLAY PANEL</b>                |  |   |  |  |
| Screen Size (Diagonal)/Aspect Ratio | 98-inch (2476.9 mm)/16:9   | 86-inch (2174.2 mm)/16:9                        | 75-inch (1892.7 mm)/16:9   | 65-inch (1638.9 mm)/16:9                     |
| Backlight                           | Direct LED   | Edge LED  | Direct LED   | Direct LED                                   |
| Effective Display Area (W x H)      | 2158.8 x 1214.3 mm (84.99" x 47.80")   | 1895.0 x 1065.9 mm (74.60" x 41.96")            | 1649.6 x 927.9 mm (64.94" x 36.53")  | 1428.4 x 803.5 mm (56.23" x 31.63")          |
| Resolution (H x V)                  | 3840 x 2160  | 3840 x 2160                                     | 3840 x 2160  | 3840 x 2160                                  |
| Brightness (Typ)                    | 500 cd/m <sup>2</sup>  | 400 cd/m <sup>2</sup>                           | 400 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>                        |
| Contrast Ratio                      | 1200:1   | 1200:1  | 1200:1   | 1200:1                                       |
| Dynamic Contrast Ratio              | 50000:1  | 50000:1   | 50000:1  | 50000:1                                      |
| Response Time                       | 8.0 ms (G to G)  | 8.0 ms (G to G)                                 | 8.0 ms (G to G)  | 8.0 ms (G to G)                              |
| Viewing Angle (Horizontal/Vertical) | 178°/178° (CR>10)  | 178°/178° (CR>10)                               | 178°/178° (CR>10)  | 178°/178° (CR>10)                            |
| Panel Surface Treatment             | Anti-Glare (Haze 25 %)   | Anti-Glare (Haze 3 %)                           | Anti-Glare (Haze 1 %)  | Anti-Glare (Haze 1 %)                        |
| <b>TERMINAL</b>                     |  |   |  |  |
| HDMI In                             | HDMI TYPE A Connector x 4 (HDCP 2.2)   |   | HDMI TYPE A Connector x 4 (HDCP 2.2)   |  |
| USB                                 | USB Connector (TYPE-A) x 2, (Type-C) x 1, Internal (Type-A) x 1  |   | USB Connector (TYPE-A) x 2, (Type-C) x 1, Internal (Type-A) x 1  |  |
| PC In                               | Mini D-sub 15-pin x 1 (Female)   |   | Mini D-sub 15-pin x 1 (Female)   |  |
| Audio In (L/R)                      | Pin Jack (L/R) x 1   |   | Pin Jack (L/R) x 1   |  |
| Audio Out                           | Stereo Mini Jack (M3) x 1, SPDIF x 1   |   | Stereo Mini Jack (M3) x 1, SPDIF x 1   |  |
| Serial In                           | Stereo mini jack (Ø3.5 mm) x 1, RS-232C Compatible   |   | D-sub 9-pin x 1 (Female), RS-232C Compatible   |  |
| LAN                                 | RJ45 x 1 10BASE-T/100BASE-TX/1000BASE-T  |   | RJ45 x 1 10BASE-T/100BASE-TX/1000BASE-T  |  |
| IR In                               | Stereo mini jack (Ø3.5 mm) x 1   |   | Stereo mini jack (Ø3.5 mm) x 1   |  |
| Wi-Fi                               | Built-in IEEE 802.11 a/b/g/n/ac Dual Wi-Fi CERTIFIED   |   | Built-in IEEE 802.11 a/b/g/n/ac Dual Wi-Fi CERTIFIED   |  |
| <b>GENERAL</b>                      |  |   |  |  |
| Power Requirements                  | AC220-240 V 50 Hz / 60 Hz  | AC220-240 V 50 Hz / 60 Hz                       | AC220-240 V 50 Hz / 60 Hz  | AC220-240 V 50 Hz / 60 Hz                    |
| Power Consumption                   | TBD  | TBD   | TBD  | TBD  |
| Power Off Condition                 | TBD  | TBD   | TBD  | TBD  |
| Stand-by Condition                  | TBD  | TBD   | TBD  | TBD  |
| Dimensions (W x H x D) *            | 2216 x 1271 x 91 mm (87.25" x 50.02" x 3.55")  | 1929 x 1100 x 80 mm (75.91" x 43.28" x 3.13")   | 1684 x 968 x 100 mm (66.28" x 38.09" x 3.92")  | 1456 x 835 x 96 mm (57.32" x 32.84" x 3.78") |
| Carton Size (W x H x D)             | 2435 x 1684 x 387 mm (95.87" x 66.30" x 15.24")  | 2163 x 1405 x 380 mm (85.16" x 55.32" x 14.96") | 1948 x 1170 x 210 mm (76.70" x 46.07" x 8.27")   | TBD  |
| Bezel Width                         | T/R/L 11 mm (0.43") B 13.8 mm (0.54")  | T/R/L/B 15.3 mm (0.6")                          | T/R/L 15.7 mm (0.62") B 21.5 mm (0.85")  | T/R/L 12.9 mm (0.51") B 16.1 mm (0.63")      |
| Weight                              | 99.4 kg / 219.2 lb   | 61.7 kg / 136.1 lbs                             | 36.8 kg / 81.2 lbs   | 24.6 kg / 54.3 lbs                           |
| Gross Weight                        | TBD  | TBD   | TBD  | TBD  |
| Pitch for Wall-Hanging              | VESA Compliant 800 x 400 mm (31.5" x 15.8")  | VESA Compliant 600 x 400 mm (23.7" x 15.8")     | VESA Compliant 600 x 400 mm (23.7" x 15.8")  | VESA Compliant 600 x 400 mm (23.7" x 15.8")  |
| Built-in Speaker                    | 24 W [(6 W x 2) + (6 W x 2)] (10%THD)  |   | 24 W [(6 W x 2) + (6 W x 2)] (10%THD)  |  |
| Orientation                         | Landscape  |   | Landscape  |  |
| Tilting Angle*1                     | 0 - 20 degrees forward with landscape setting (T.B.D.)   |   | 0 - 20 degrees forward with landscape setting (T.B.D.)   |  |
| Operating Environment               | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude |   | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude |  |
| Storage Environment                 | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)   |   | Temperature: -20 °C to 60 °C (-4 °F to 140 °F), Humidity: 20 % to 80 % (No Condensation)   |  |
| Operating Time*2                    | 24 h/day   | 16 h/day  | 16 h/day   | 16 h/day                                     |

\*1: Please contact your sales representative with regard to the tilt angle before installation.

\*2: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

★Excluding remote control receiver.

# CQE2 Series

Available from March



| Model no.                           | TH-55CQE2  | TH-50CQE2                                     | TH-43CQE2  |
|-------------------------------------|--|---|--|
| <b>DISPLAY PANEL</b>                |  |   |  |
| Screen Size (Diagonal)/Aspect Ratio | 55-inch (1387.8 mm)/16:9   | 50-inch (1257.3 mm)/16:9                      | 43-inch (1079.8 mm)/16:9   |
| Backlight                           | Direct LED   | Direct LED                                    | Direct LED   |
| Effective Display Area (W x H)      | 1209.6 x 680.4 mm (47.62" x 26.78")  | 1095.8 x 616.4 mm (43.14" x 24.26")           | 941.1 x 529.4 mm (37.05" x 20.84")   |
| Resolution (H x V)                  | 3840 x 2160  | 3840 x 2160                                   | 3840 x 2160  |
| Brightness (Typ)                    | 500 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>                         | 500 cd/m <sup>2</sup>  |
| Contrast Ratio                      | 1200:1   | 5000:1  | 1200:1   |
| Dynamic Contrast Ratio              | 50000:1  | 50000:1                                       | 50000:1  |
| Response Time                       | 8.0 ms (G to G)  | 9.5 ms (G to G)                               | 8.0 ms (G to G)  |
| Viewing Angle (Horizontal/Vertical) | 178°/178° (CR>10)  | 178°/178° (CR>10)                             | 178°/178° (CR>10)  |
| Panel Surface Treatment             | Anti-Glare (Haze 1%)   | Anti-Glare (Haze 3%)                          | Anti-Glare (Haze 1%)   |
| <b>TERMINAL</b>                     |  |   |  |
| HDMI In                             | HDMI TYPE A Connector x 4 (HDCP 2.2)   |   | HDMI TYPE A Connector x 4 (HDCP 2.2)   |
| USB                                 | USB Connector (TYPE-A) x 2, (Type-C) x 1, Internal (Type-A) x 1  |   | USB Connector (TYPE-A) x 2, (Type-C) x 1, Internal (Type-A) x 1  |
| PC In                               | Mini D-sub 15-pin x 1 (Female)   |   | Mini D-sub 15-pin x 1 (Female)   |
| Audio In (L/R)                      | Pin Jack (L/R) x 1   |   | Pin Jack (L/R) x 1   |
| Audio Out                           | Stereo mini jack (Ø3.5 mm) x 1, SPDIF x 1  |   | Stereo mini jack (Ø3.5 mm) x 1, SPDIF x 1  |
| Serial In                           | Stereo mini jack (Ø3.5 mm) x 1, RS-232C Compatible   |   | Stereo mini jack (Ø3.5 mm) x 1, RS-232C Compatible   |
| LAN                                 | RJ45 x 1 10BASE-T/100BASE-TX/1000BASE-T  |   | RJ45 x 1 10BASE-T/100BASE-TX/1000BASE-T  |
| IR In                               | Stereo mini jack (Ø3.5 mm) x 1   |   | Stereo mini jack (Ø3.5 mm) x 1   |
| Wi-Fi                               | Built-in IEEE 802.11 a/b/g/n/ac Dual Wi-Fi CERTIFIED   |   | Built-in IEEE 802.11 a/b/g/n/ac Dual Wi-Fi CERTIFIED   |
| <b>GENERAL</b>                      |  |   |  |
| Power Requirements                  | AC220-240 V 50 Hz / 60 Hz  | AC220-240 V 50 Hz / 60 Hz                     | AC220-240 V 50 Hz/60 Hz  |
| Power Consumption                   | TBD  | TBD   | TBD  |
| Power Off Condition                 | TBD  | TBD   | TBD  |
| Stand-by Condition                  | TBD  | TBD   | TBD  |
| Dimensions (W x H x D)*             | 1236 x 710 x 68 mm (48.64" x 27.92" x 2.67")   | 1121 x 646 x 68 mm (44.12" x 25.43" x 2.66")  | 964 x 555 x 68 mm (37.92" x 21.85" x 2.66")  |
| Carton Size (W x H x D)             | 1369 x 874 x 165 mm (53.90" x 34.41" x 6.50")  | 1215 x 775 x 165 mm (47.84" x 30.52" x 6.50") | 1050 x 718 x 178 mm (41.34" x 28.27" x 7.01")  |
| Bezel Width                         | T/R/L 11 mm (0.43") B 13.8 mm (0.54")  | T/R/L 10 mm (0.39") B 15.5 mm (0.61")         | T/R/L 8.4 mm (0.33") B 12 mm (0.47")   |
| Weight                              | 17.9 kg / 39.5 lbs   | 13.4 kg / 29.6 lbs                            | 10.3 kg / 22.7 lbs   |
| Gross Weight                        | TBD  | TBD   | TBD  |
| Pitch for Wall-Hanging              | VESA Compliant 400 x 400 mm (15.8" x 15.8")  | VESA Compliant 200 x 200 mm (7.9" x 7.9")     | VESA Compliant 200 x 200 mm (7.9" x 7.9")  |
| Built-in Speaker                    | 20 W [10 W + 10 W] (10%THD)  | 20 W [10 W + 10 W] (10%THD)                   | 16 W [8 W + 8 W] (10%THD)  |
| Orientation                         | Landscape  |   | Landscape  |
| Tilting Angle*1                     | 0-20 degrees forward with landscape setting  |   | 0 - 20 degrees forward with landscape setting (T.B.D.)   |
| Operating Environment               | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude |   | Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1400 m (4593 ft) altitude/<br>0 °C to 35 °C (32 °F to 95 °F) for between 1400 m to 2800 m (4593 ft to 9186 ft) altitude |
| Storage Environment                 | Temperature: -20 °C to 60 °C (-4 °F to 140 °F),<br>Humidity: 20 % to 80 % (No Condensation)  |   | Temperature: -20 °C to 60 °C (-4 °F to 140 °F),<br>Humidity: 20 % to 80 % (No Condensation)  |
| Operating Time*2                    | 16 h/day   |   | 16 h/day   |

\*1: Please contact your sales representative with regard to the tilt angle before installation.

\*2: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*Excluding remote control receiver.

▶ Entry

**Standard equipped with an abundance of terminals. Optimal as a conference room DISPLAY**

The CQE2 Series is equipped with four HDMI input terminals. USB type-A and Type-C. It is also equipped with Wi-Fi, and can conduct wireless transmission with a PC. Display Internet-based information and smoothly alternate presenters during a meeting.



**Preinstalled HTML5 Browser Allows for Easy Signage Updates**

The CQE2 series is preinstalled with the HTML5 browser. So, it can serve as signage without an external device, such as a set-top box or PC, or without a connection cable.



### Elaborate 4K Picture Quality down to the Tiniest Details

SQ1 SQE2 EQ2 SQ1H CQE2

With approximately 8,290,000 pixels, about four times the pixels of a Full-HD display, images are highly detailed. This dynamic, large-screen display achieves true-to-life finely nuanced images. With an optimal viewing distance of 1.5 times the screen height, the 4K display renders the information you want to transmit with excellent clarity.



\* Images are simulated.

### Supports HDR and BT.2020 Emulation

SQ1H SQ1

The SQ1H, and SQ1 Series supports HDR (High Dynamic Range) (PQ and HLG). Image reproduction is stunning, from deepest black to sparkling bright highlights. Additionally, they have emulation mode for BT.2020. This enables an emulation display to support the wide color gamut of the ITU-R BT.2020 standard.

### Supports the Next-Generation Intel® SDM Specification Slot Standard

SQ1 SQE2 EQ2 SQ1H

The SQ1H/SQ1/SQE2 Series is equipped with the new Intel® SDM specification slot standard that supports 4K signals. Combined with the interface board, you can easily use a built-in PC and add various interfaces.



### High Color Reproduction (6-Axis & 12-Axis Color Correction)

SQ1H SQ1

The color space on LCD displays tends to narrow when the luminance level drops, and it's often accompanied by color phase shifts. Six Axis Coordinate Correction applies image processing to balance the six axes of the three primary colors (RGB) and their complementary colors (CMY). Further, in the SQ1 Series, the color temperature, shade, and brightness parameters of individual images can be adjusted for red, green, and blue, and their complementary colors, cyan, magenta, and yellow. This keeps the intermediate shades of extremely fine colors vibrant and lifelike.

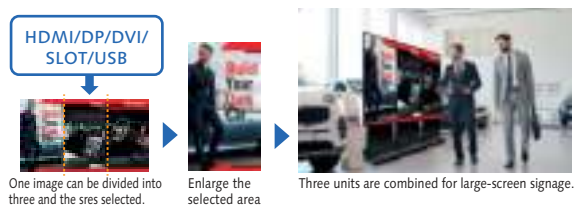


\* Images are simulated.

### Dynamic Signage is Possible with the Portrait Zoom

SQ1H SQ1 EQ2

Split the content from image sources, and enlarge the display in a portrait orientation. There is no need to use a special device, such as a processor, while creating content from various images. Placing three 65-inch models vertically creates a display equivalent to 112 inches. This enables highly visible store signage.



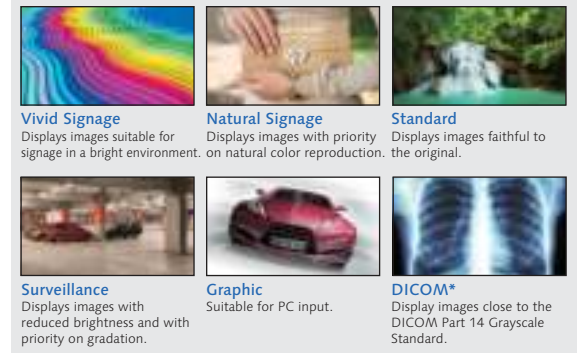
\* The picture quality may be degraded when the image is enlarged.

\*These functions on the 98/86SQ1 models are compatible with the Software Main Version 3.0000 or later.

### Easy Display of Images Optimized for the Display Content

SQ1H SQ1

Conventional display panels are preset with display modes such as Standard and Dynamic. The SQ1H, and SQ1 Series comes with an extensive display menu to let you select the most suitable mode for the content to be displayed and the viewing environment. You can select the best mode for the video source and the place of display.



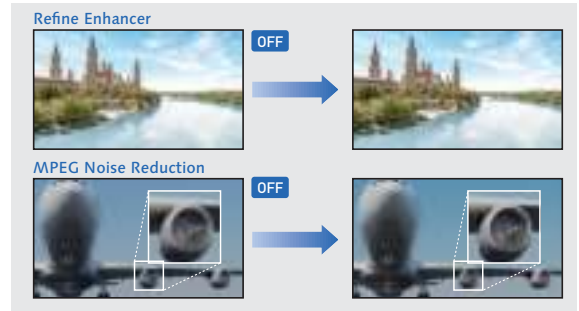
\*Although the term "DICOM" is used, this product is not medical equipment. Do not use displayed images for medical purposes such as examination or diagnosis.

#### •Refine Enhancer

Corrects blurry image contours resulting from resizing, etc., to improve the image resolution.

#### •MPEG Noise Reduction

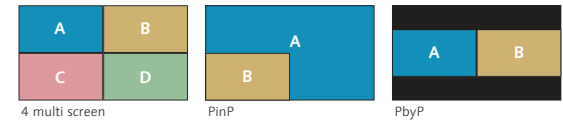
Noise reduction suppresses the block noise and mosquito noise that are characteristic of digital video signals. This faithfully reproduces the inherent beauty of the image.



### Multi Input Screen Capability with No Processor Required

SQ1H SQ1

Multi Input Screen Capability with No Processor Required The SQ1 Series can simultaneously display multiple images on a single screen. In addition to 4 multi screens, the SQ1H, and SQ1 Series can display 2 screens, such as PinP and PbyP. This is ideal for checking details in various applications, such as videoconferences, digital signage, and surveillance monitoring.



### Brilliant, High-Quality over 1200 cd/m<sup>2</sup> Images for Bright Lobbies

SQ1H

The SQ1H Series provides highly visible signage even in open spaces with natural lighting. An ADS panel with a wide viewing angle is used, and it has an eye-catching effect even when people are moving.

\*TH-86SQ1H, TH-75SQ1H is 1500cd/m<sup>2</sup>.



### Portrait Installation Capability

All models are supported.

When the Large size display is installed vertically, it can display a person in almost life-size dimensions. It is ideal for digital signage use because it faithfully reproduces the textures and colors of a model's clothing and accessories. It helps to maintain a high-quality brand image. Vertical installation also has no effect on the lifetime of the panel.

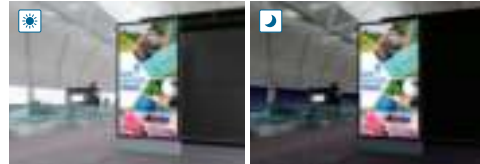


### Efficiency and Reliability for Continuous 24-hour Operation

SQ1H SQ1 SQE2 EQ2 CQE2

The use of highly durable panel materials and quality electronic components ensures dependable 24-hour operation seven days a week.

\* Display of moving images is recommended when panels are in use for long periods to prevent image retention. Note that image burn-in can be gradually rectified with the periodical display of moving images.



### A Stylish and slim design Accentuates the Image

SQ1H SQ1

The stylish and slim design complies with the ADA standard (a depth of less than 4-inch (approx.100 mm) with brackets) in all important aspects. The narrow bezel displays higher-impact images, further enhancing the 4K picture quality. The slim profile isn't the least oppressive even when installed in a hanging configuration.

\* The availability of the TY-WK98PV1 varies depending on the country.



\* ADA stands for the "Americans with Disabilities Act," a United States law made to protect people with disabilities from discrimination.

### Fanless Design

SQ1 SQE2 EQ2 CQE2

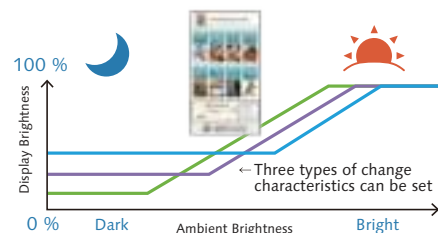
Standard models robust fanless design prevents problems caused by the intake of dusty air. The displays can be safely installed and operated in high-traffic environments.

### Operate without wasting electricity with the Automatic Brightness Adjustment function

SQ1H

Automatically adjusts the brightness of the screen display according to the surrounding environment. The brightness changes linearly so there is no feeling of discomfort.

\*The images are graph are for illustration purposes only. It may be different from the actual brightness change.

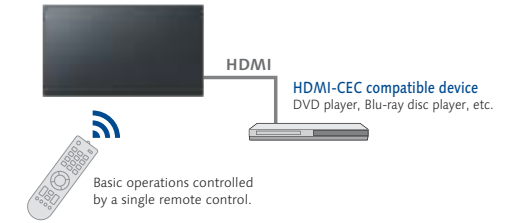


### HDMI CEC Device Linking Supported

SQ1H SQ1 SQE2 EQ2 CQE2

HDMI-CEC compatible devices can be connected to the display by an HDMI cable, enabling the basic operations (such as power ON/OFF) of the compatible devices to be controlled by the display's remote control. Power ON/OFF of the display can also be switched using only the remote control (or main unit buttons) of the HDMI-CEC compatible devices.

\* The control of all devices cannot be guaranteed.

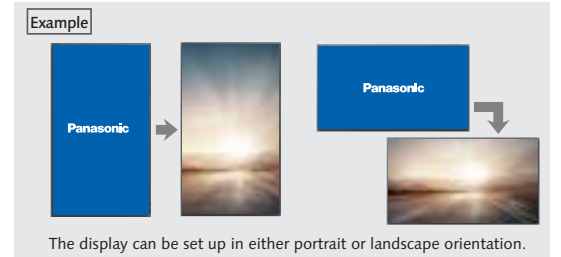


### Customizable Original Screen

SQ1H SQ1 SQE2 EQ2 CQE2

An original image created by your company or other desired picture can be displayed when the unit is turned on and when there is no input signal. The image data for the original screen can be transferred and stored in the display unit via a USB memory. This function allows a company logo mark, brand image, etc., to be displayed when there is no input signal.

\* Certain limitations apply to the format for original screen.  
\* The SQ1/SQE2/CQE2 Series is compatible with 3480 x 2160 and 1920 x 1080 resolution.



### 4K Daisy Chain can be Constructed with Even Higher Resolution Multi-Screens

SQ1H SQ1

The SQ1 Series is equipped with DisplayPort input/output terminals. Construct a multi-screen that can output 4K images by installing multiple units and connecting them in a daisy chain.

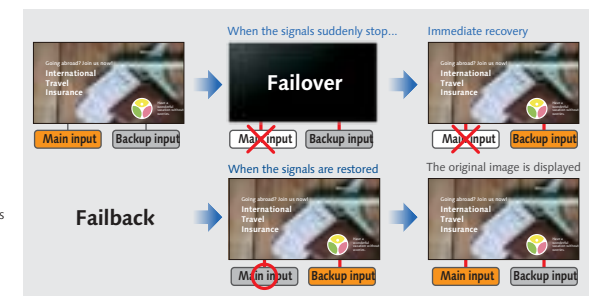


### Failover and Failback Safeguards for Mission Critical Situations

SQ1H SQ1 EQ2

These models are equipped with a variety of signal input terminals. If the main video and audio signals are interrupted, the system immediately switches to alternative signals. This makes it ideal for mission critical control rooms and surveillance centers. If the main signals are restored, the original image is displayed.

\* The usable combinations of main and backup signals are limited. For details, see the product website.



## Simple Signage Operation with No STB

SQ1H SQ1 EQ2

The display can automatically start showing pictures when a USB memory containing data is inserted. The display unit can be used as digital signage without a set-top box or PC. And the content can be displayed smoothly without including the black screen display. What's more, the order of content playback and playback time can be programmed. Content can also be rewritten and multiple displays can be operated via LAN.\*



### Applicable format

|              |  |
|--------------|--|
| Still Image  | JPG, JPEG, JPE, BMP*                                 |
| Motion Image | AVI, MKV, ASF, WMV, TS, MTS, MP4, 3GP, MOV, FLV, F4V |

\* BMP is supported only by the SQE2, CQE2 Series.  
\* The SQ1H/SQ1/SQE2/CQE2 Series is compatible with the 4K signal.

- If it is difficult to insert a USB memory due to installation conditions, use a commercially available extension cable.
- Some files cannot be played back even if they are in the supported format. Regarding restrictions, see the operation manual.
- \* Multi Monitoring & Control Software (free) is required.

### Playback by one unit



### Simultaneous playback by multiple units



One of up to four display units becomes the parent unit, and the other units display images in sync with the parent unit. This enables the display of images in perfect sync when the panels are arranged next to each other.

## Play USB Content Instantly

SQ1H SQ1 SQE2 EQ2 CQE2

The playable application format, GUI and operation procedure for the SQE2/SQE1 Series' Media Player function are different from those of other models.

Playing Full HD video, still images, and digital documents from USB storage devices couldn't be easier. Just insert a thumb drive into the USB port and start presenting without needing to connect a PC. The Memory Viewer app enables image\* (JPEG, BMP) and video\* (WMV, AVI, MOV, MP4, MPG) selection from handy thumbnail previews.

- \* In some cases, files may not be viewable even if they are encoded in a supported format.

### Applicable format

|              |  |
|--------------|--|
| Still Image  | JPG, JPEG, JPE, BMP                                  |
| Motion Image | AVI, MKV, ASF, WMV, GS, MGS, MP4, 3GP, MOV, FLV, F4V |

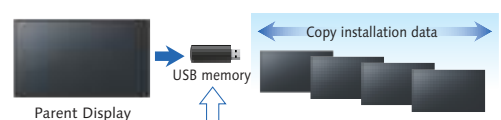
\* The SQE2 and CQE2 Series are not compatible with WMV, MTS and F4V.



## Cloning Function Speeds Up Multiple Display Setup

SQ1H SQ1 SQE2 EQ2 CQE2

When installing multiple displays, the Cloning function lets you use a USB memory (or LAN network) to copy the settings of a parent display to other units, thus greatly shortening the setup time.



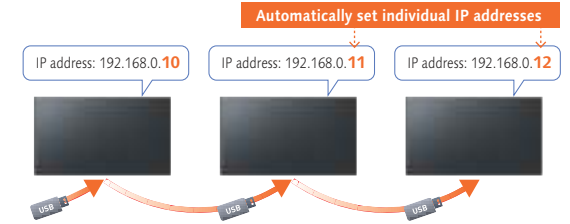
- Data that can be copied  
Setting and set values of [Picture], [sound], [Setup], [Position], and [Options] menus.\*  
\* [Options] are not supported by SQ1/EQ2.

- [Date & Time], [Network Settings], [LAN Settings] and Display ID cannot be copied.
- The Cloning function works only for displays with the same screen size.

## USB Memory Network Settings

SQ1H SQ1 EQ2

Using a USB memory device, the network setting can be made for multiple displays. Individual IP addresses for each unit are automatically set.



Note: Setting images are simulated.

## A Conference Room Audio Mode for Easier Listening

SQ1H SQ1 EQ2

This function makes voices easier to listen to in video conferences or when the video is displayed, for improved audio quality. A setting is also possible to improve sound muffling when the display is mounted on a wall. If the automatic sound volume adjustment function is used, information sharing is possible with the sound level at a comfortable level.

- \* This function on the 98/86SQ1 Series is compatible with the Software Main Version 4.0000 or later. Please contact your sales representative with regard to details.

## Make Your Signage Easy with Panasonic Application

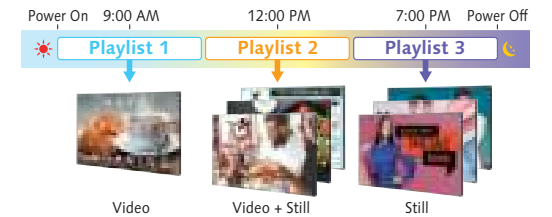
SQ1H SQ1 EQ2

The SQ1H, SQ1 and EQ2 Series features a USB Media Player function that allows easy signage playback. Content Management Software is an application software for scheduling digital signage playback on a computer. It also allows power ON/OFF to be set.

For more information about Content Management Software Version 3.3.1, please visit:  
<https://panasonic.net/cns/prodisplays/download/software/>

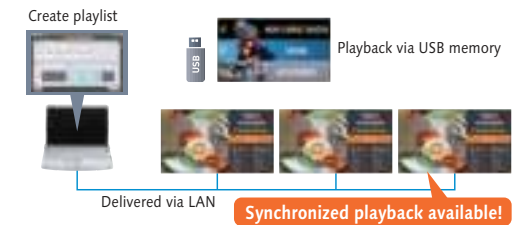
## Play Content Automatically with Scheduling Function

Content Management Software for PC Version 3.3.1 (free) enables easy playlist creation with media support including combinations of still and video images. You can set up schedules for playing and closing your media playlist at predetermined dates and times.



## Convenient Playlist and Schedule Syncing

Playlists and schedules created with Content Management Software can be transferred to displays with USB memory, or via LAN. Synchronized playback on multiple displays is also supported.

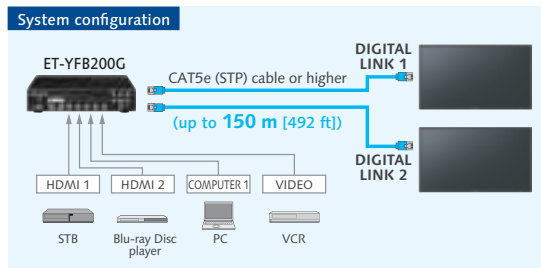


### DIGITAL LINK Function Enables Simple Installation and Low System Costs

SQ1H SQ1

Using DIGITAL LINK makes it possible to transmit video, audio and control signals over a long distance (up to 150 m [492 ft]) with a single LAN cable\*. Easy cabling also reduces labor during setup. This provides transmission of high-quality images and sounds, as well as remote control.

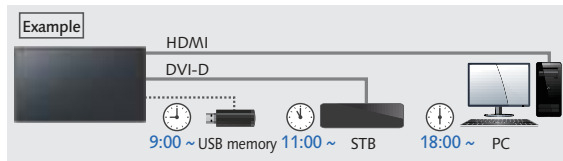
\* When connected with the [Long reach] mode, the maximum transmission distance is 150 m (492 ft). In this case, the unit can receive the signals of up to 1080/60p. A CAT5e (STP) cable or higher is required. This supports 4K video over distances of up to 50 m (164 ft) with a single LAN cable.



### Timer-Programmable Switching of Device Connection

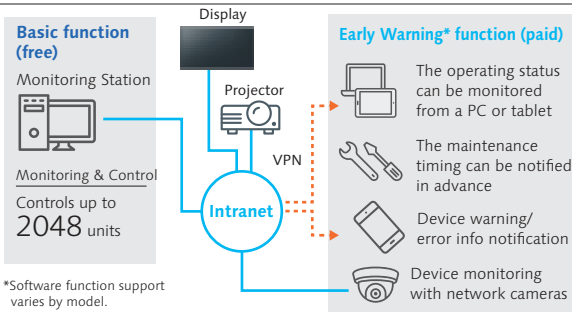
SQ1H SQ1 SQE2 EQ2 CQE2

The timer function of the display unit can be used to change connected signal source devices at a desired time. This allows an easy change of displayed content according to the application or the progress of an event.



### Multi Monitoring & Control Software

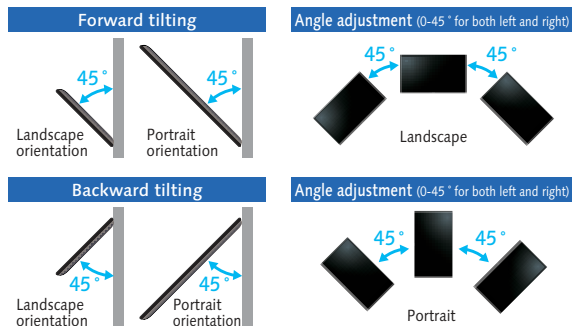
Compatible with Multi Monitoring & Control Software for addition of new functions, such as automatic searching for map displays and registered devices. Displays and peripheral equipment on the intranet can be controlled and their status can be monitored. Also error notification and error indication can be detected by an indication monitoring function (for a fee) for improved maintenance.



\*Software function support varies by model.

### Choose the Installation to Match Your Application

Panasonic displays are designed for use in either portrait or horizontal orientation with no effect on panel color and lifespan, further reducing TCO. A tilt installation up to 45 degrees forward or backward is also possible. The angle can be adjusted for easy viewing when installed in a high location.



\* The installable angle varies depending on the model. For details, see the specifications page for each model. For more information on the specifications page, please visit the download page. ([https://panasonic.net/cns/prodisplays/download/spec\\_manual/](https://panasonic.net/cns/prodisplays/download/spec_manual/))

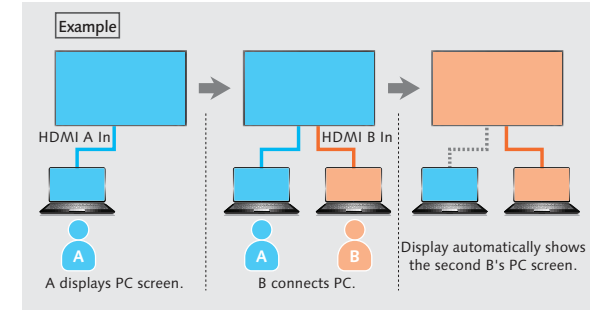
### Smooth Switching of Presenters

SQ1H SQ1 SQE2\* EQ2 CQE2\*

These displays automatically switches source signals when the input signal for the current content stops or when an input signal other than the signal of the current content is received. When presenters change during a meeting, the displayed image can be switched easily by simply changing the cable connection, thus eliminating the need to operate the remote control.

\* The 2 switching inputs must be set in advance.  
\* This function may not operate correctly depending on the image playback device.  
\* Digital-digital switching is supported by the SQ Series.

\* Input signal detection is possible for HDMI 1 and HDMI 2 only with the SQE2 and CQE2 Series.



### Built-in Speakers for the Playback of Content with Sound

All models are supported

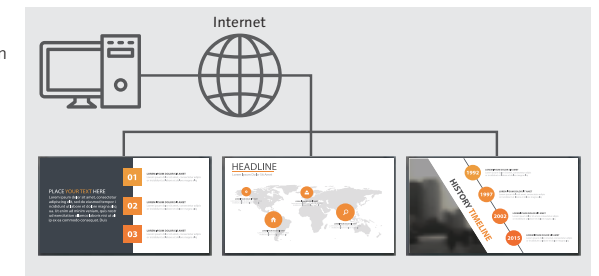
The display unit has built-in speakers so that it can playback content with sound without the connection of external speakers. This allows maximum use of a limited space for the installation of a large-screen display



### Supports LAN Content Connection

SQ1H SQ1 SQE2\* EQ2 CQE2\*  
\*Crestion connected supported only

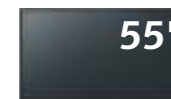
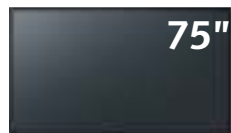
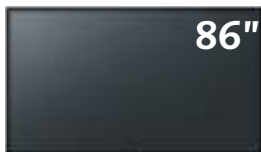
The display can be controlled by LAN or RS-232C. You can configure the display into your existing control system, and can control several devices simultaneously. It also supports AMX or Crestion Connected™ LAN control.





# SQ1-IG Series

Interactive Multi-Touch displays with InGlass™ technology



Multi-Touch Screen

| Model no.                           | TH-86SQ1-IG  |  | TH-75SQ1-IG                         | TH-65SQ1-IG  | TH-55SQ1-IG                   |
|-------------------------------------|--|--|-------------------------------------|--|-------------------------------|
| Panel Size                          | 86-inch (2174,2 mm)  |  | 75-inch (1892,7 mm)                 | 65-inch (1638,9 mm)  | 55-inch (1387,8 mm)           |
| Panel type / Backlight              | IPS / E-LED  |  |                                     | IPS / E-LED  |                               |
| Aspect ratio                        | 16:09  |  |                                     | 16:09  |                               |
| Effective display area (W x H)      | 1895 x 1065 mm (74.6" x 41.9")   |  | 1649.6 x 927.9 mm (64.94" x 36.53") | 1428 x 803 mm (56.2" x 31.6")  | 1209 x 680 mm (47.6" x 26.7") |
| Resolution (H x V)                  | 3840 x 2160  |  |                                     | 3840 x 2160  |                               |
| Brightness (Typ)                    | 500 cd/m2  |  |                                     | 500 cd/m2  |                               |
| Contrast Ratio                      | 1200:1   |  |                                     | 1100:1   |                               |
| Response Time                       | 8.0 ms (Typ) (G to G)  |  |                                     | 8.0 ms (Typ) (G to G)  |                               |
| Viewing Angle [(T/B)/(L/R)]         | 178°/178° (CR≥10)  |  |                                     | 178°/178° (CR≥10)  |                               |
| Panel Surface Treatment             | Anti-glare, anti-reflective with the level of haze approx. 5%(±3%)   |  |                                     | Anti-glare, anti-reflective with the level of haze approx. 5%(±3%)   |                               |
| Detection Method                    | InGlass™ Touch Detection of human finger, passive stylus   |  |                                     | InGlass™ Touch Detection of human finger, passive stylus   |                               |
| Touch Operation                     | Up to 20-point multi-touch   |  |                                     | Up to 20-point multi-touch   |                               |
| Power supply                        | 12-24V / 1A external   |  |                                     | 12-24V / 1A external   |                               |
| OS                                  | Win 7/8/10, Android, Mac OS*, Linux  |  |                                     | Win 7/8/10, Android, Mac OS*, Linux  |                               |
| HDMI In                             | TYPE A Connector x 2 (HDCP2.2 supported)   |  |                                     | TYPE A Connector x 2 (HDCP2.2 supported)   |                               |
| DisplayPort In                      | DisplayPort x 1 (HDCP2.2 supported)  |  |                                     | DisplayPort x 1 (HDCP2.2 supported)  |                               |
| DisplayPort Out                     | DisplayPort x 1 (HDCP1.4 supported)  |  |                                     | DisplayPort x 1 (HDCP1.4 supported)  |                               |
| DVI-D/Audio (L/R)                   | DVI-D 24-pin x 1/Stereo Mini Jack (M3) x 2 (Shared with PC In)   |  |                                     | DVI-D 24-pin x 1/Stereo Mini Jack (M3) x 2 (Shared with PC In)   |                               |
| PC In/Audio In (L/R)                | Mini D-sub 15-pin x 1 (Female)/Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)  |  |                                     | Mini D-sub 15-pin x 1 (Female)/Stereo Mini Jack (M3) x 2 (Shared with DVI-D In)  |                               |
| Serial                              | D-sub 9pin x 1, RS-232C Compatible   |  |                                     | D-sub 9pin x 1, RS-232C Compatible   |                               |
| IR In/Out                           | Stereo Mini Jack (M3) x 1/x 1  |  |                                     | Stereo Mini Jack (M3) x 1/x 1  |                               |
| Audio Out                           | 30 W (15 W + 15 W) 10% THD   |  |                                     | 30 W (15 W + 15 W) 10% THD   |                               |
| LAN                                 | RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PLink™  |  |                                     | RJ45 x 1, 10 BASE-T / 100 BASE-TX, Compatible with PLink™  |                               |
| DIGITAL LINK                        | RJ45 x 1, 100 BASE-TX, Compatible with long reach mode and PLink™  |  |                                     | RJ45 x 1, 100 BASE-TX, Compatible with long reach mode and PLink™  |                               |
| Slot                                | Intel® SDM specification Corresponding size SDM-S / SDM-L  |  |                                     | Intel® SDM specification Corresponding size SDM-S / SDM-L  |                               |
| USB                                 | USB Connector (TYPE-A) x 2, DC 5 V/2 A, DC 5V/1A (USB 3.0 Supported)   |  |                                     | USB Connector (TYPE-A) x 2, DC 5 V/2 A, DC 5V/1A (USB 3.0 Supported)   |                               |
| Power Requirements                  | 220-240 V AC, 50/60 Hz   |  |                                     | 220-240 V AC, 50/60 Hz   |                               |
| Power consumption                   | max. 487 W   |  | max. 392 W                          | max. 327 W   | max. 307 W                    |
| Power off Condition                 | Approx. 0.3 W  |  |                                     | Approx. 0.3 W  |                               |
| Stand-by Condition                  | Approx. 0.5 W  |  |                                     | Approx. 0.5 W  |                               |
| Dimensions (W x H x D)              | 1966,5 x 1137,5 x 84,5 mm  |  | 1720 x 998,5 x 74,5 mm              | 1497,3 x 874,9 x 77,5 mm   | 1279,9 x 752,7 x 74,3 mm      |
| Carton Size                         | 2224 x 1427 x 373 mm   |  | 1832 x 1283 x 280 mm                | 1642 x 1037 x 248 mm   | 1404 x 879 x 203 mm           |
| Weight                              | Approx. 92kg   |  | Approx. 76kg                        | Approx. 51kg   | Approx. 35,5kg                |
| Gross Weight                        | Approx. 115kg  |  | Approx. 91kg                        | Approx. 62kg   | Approx. 44kg                  |
| Wall-hanging pitch                  | VESA Compliant 600 x 400 mm (23.6" x 15.8")  |  |                                     | VESA Compliant 400 x 400 mm (15.8" x 15.8")  |                               |
| Protective Glass Thickness          | 3 mm   |  |                                     | 3 mm   |                               |
| Bezel Depth                         | 32 mm  |  |                                     | 32 mm  |                               |
| Built-in Speaker                    | 20 W [10 W + 10 W]   |  |                                     | 20 W [10 W + 10 W]   |                               |
| Orientation                         | Landscape / Portrait   |  |                                     | Landscape / Portrait   |                               |
| Tilting Angle*2                     | Landscape setting: 0 - 45 degrees forward/backward, Portrait setting: 0 - 20 degrees forward /backward   |  |                                     | Landscape setting: 0 - 45 degrees forward/backward, Portrait setting: 0 - 20 degrees forward /backward   |                               |
| Operating Environment               | Temperature : 0°C to 40°C (32 °F to 104 °F)*1 : 0°C to 35°C (32 °F to 95 °F)*2<br>Humidity : 20% to 80% (No condensation)<br>Altitude : 0 to 2800 m (0 to 9186 ft) |  |                                     | Temperature : 0°C to 40°C (32 °F to 104 °F)*1 : 0°C to 35°C (32 °F to 95 °F)*2<br>Humidity : 20% to 80% (No condensation)<br>Altitude : 0 to 2800 m (0 to 9186 ft) |                               |
| Operating Time*3                    | 24 h/day   |  |                                     | 24 h/day   |                               |
| Content Management Software         | Ver. 3.0 or later (Windows only)   |  |                                     | Ver. 3.0 or later (Windows only)   |                               |
| Multi Monitoring & Control Software | Ver. 2.1 (Windows only)  |  |                                     | Ver. 2.1 (Windows only)  |                               |
| Early Warning Software              | ET-SWA100/105 Series   |  |                                     | ET-SWA100/105 Series   |                               |
| Auto Display Adjustment Upgrade Kit | TY-VUK10   |  |                                     | TY-VUK10   |                               |
| Video Wall Manager                  | Yes  |  |                                     | Yes  |                               |
| Whiteboard Software*4               | Downloadable for free - for Windows and Mac OS   |  |                                     | Downloadable for free - for Windows and Mac OS   |                               |

\*1: Limited performance.

\*2: When installing the display vertically, be sure that the power indicator comes to the right side. Please contact your sales representative with regard to the tilt angle before installation.

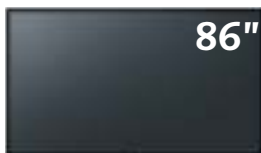
\*3: In case running for a long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*4: Downloadable for free. For more information, please visit Global website. <https://panasonic.net/cns/prodisplays/download/software/whiteboard/>

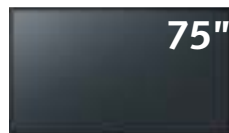
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# SQE1-IG Series

Interactive multi-touch displays with InGlass™ technology



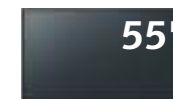
86"



75"



65"



55"

Multi-Touch Screen

| Model no.                           | TH-86SQE1-IG  | TH-75SQE1-IG                         | TH-65SQE1-IG  | TH-55SQE1-IG                                   |
|-------------------------------------|---|--------------------------------------|---|--|
| <b>DISPLAY PANEL</b>                |   |                                      |   |  |
| Panel size                          | 86-inch (2174,2 mm)   | 75-inch (1893,7 mm)                  | 65-inch (1638,9 mm)   | 55-inch (1387,8 mm)                            |
| Panel type / Backlight              | E-LED   | D-LED                                | D-LED   | D-LED  |
| Aspect ratio                        | 16:9  |                                      | 16:9  |  |
| Effective display area (W x H)      | 1895 x 1065,9 mm (74.6" x 41.96")   | 1649,6 x 927,9 mm (64.94" x 36.53")  | 1428,4 x 803,5 mm (56.23" x 31.63")   | 1209,6 x 680,4 mm (47.62" x 26.78")            |
| Resolution (H x V)                  | 3840 x 2160   |                                      | 3840 x 2160   |  |
| Brightness (Typ)                    | 500 cd/m2   |                                      | 500 cd/m2   |  |
| Contrast Ratio                      | 1100:1  | 1200:1                               | 1200:1  |  |
| Response Time                       | 8.0 ms (Typ) (G to G)   |                                      | 8.0 ms (Typ) (G to G)   |  |
| Viewing Angle [(T/B)/(L/R)]         | 178°/178° (CR>10)   |                                      | 178°/178° (CR>10)   |  |
| Panel Surface Treatment             | Anti-glare, anti-reflective with the level of haze approx. 5%(±3%)  |                                      | Anti-glare, anti-reflective with the level of haze approx. 5%(±3%)  |  |
| <b>TOUCH</b>                        |   |                                      |   |  |
| Detection Method                    | InGlass™ Touch Detection of human finger, passive stylus  |                                      | InGlass™ Touch Detection of human finger, passive stylus  |  |
| Touch Operation                     | Up to 20-point multi-touch  |                                      | Up to 20-point multi-touch  |  |
| Power Supply                        | 12-24V / 1A external  |                                      | 12-24V / 1A external  |  |
| OS                                  | Win 7/8/10, Android, Mac OS*, Linux   |                                      | Win 7/8/10, Android, Mac OS*, Linux   |  |
| <b>TERMINAL</b>                     |   |                                      |   |  |
| HDMI In                             | HDMI Type A Connector x 4   |                                      | HDMI Type A Connector x 4   |  |
| DisplayPort In                      | DisplayPort x 1   |                                      | DisplayPort x 1   |  |
| DisplayPort Out                     | DisplayPort x 1   |                                      | DisplayPort x 1   |  |
| PC In                               | Mini D-sub 15-pin x 1   |                                      | Mini D-sub 15-pin x 1   |  |
| Serial                              | D-sub 9pin x 1, RS-232C Compatible  |                                      | D-sub 9pin x 1, RS-232C Compatible  |  |
| IR In                               | Stereo Mini jack (M3) x 1   |                                      | Stereo Mini jack (M3) x 1   |  |
| Audio In                            | Pin Jack (L/R) x2   |                                      | Pin Jack (L/R) x2   |  |
| Audio Out                           | Stereo Mini jack (M3) x 1, SPDIF x 1  |                                      | Stereo Mini jack (M3) x 1, SPDIF x 1  |  |
| USB                                 | USB Connector Type-A x 2, Type-C x 1 (Internal) Type-A x 1  |                                      | USB Connector Type-A x 2, Type-C x 1 (Internal) Type-A x 1  |  |
| Slot                                | x1 (Intel® SDM specification, Corresponding size SDM-S / SDM-L, 12V x max. 3.5A)  |                                      | x1 (Intel® SDM specification, Corresponding size SDM-S / SDM-L, 12V x max. 3.5A)  |  |
| LAN                                 | RJ45 x 1  |                                      | RJ45 x 1  |  |
| <b>GENERAL</b>                      |   |                                      |   |  |
| Power Requirements                  | 110-127 V AC, 50/60 Hz, 220-240 V AC, 50/60 Hz  |                                      | 110-127 V AC, 50/60 Hz, 220-240 V AC, 50/60 Hz  |  |
| Power Consumption                   | max. 371 W (319 W)*2  | max. 341 W (287 W)*2                 | max. 288 W (236 W)*2  | max. 204 W (150 W)*2                           |
| Power off Condition                 | 0 W   |                                      | 0 W   |  |
| Stand-by Condition                  | Approx. 0.5 W   |                                      | Approx. 0.5 W   |  |
| Wifi                                | Dongle  | Built-in                             | Built-in  |  |
| Dimensions (W x H x D)              | 1.966,5 x 1137,5 x 72,7 [88,6]*3 mm   | 1.721,8 x 1006,4 x 81,9 [104,8]*3 mm | 1.495,3 x 878 x 87 [109,2]*3 mm   | 1.278,9 x 751,7 x 87,6 [112,4]*3 mm            |
| Carton Size                         | 2.163 x 1.405 x 380 mm  | 1.948 x 1.170 x 210 mm               | 1.607 x 980 x 177 mm  | 1.369 x 874 x 165 mm                           |
| Weight                              | 95,9 kg   | 63,4 kg                              | 46,8 kg   | 29,7 kg  |
| Gross Weight                        | 118 kg  | 78 kg                                | 57 kg   | 36,5 kg  |
| Wall-hanging pitch                  | VESA Compliant 600 x 400 mm (23.6" x 15.8"), M8   |                                      | VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6   | VESA Compliant 400 x 200 mm (15.8" x 7.9"), M6 |
| Protective Glass Thickness          | 3 mm  |                                      | 3 mm  |  |
| Bezel Width                         | 33 mm   | 37,7 mm                              | 37 mm   | 33 mm  |
| Built-in Speaker                    | 24 W [12 W + 12 W]  |                                      | 16 W [8 W + 8 W]  |  |
| Orientation                         | Landscape / Portrait  |                                      | Landscape / Portrait  |  |
| Tilting Angle*4                     | Landscape setting: 0 - 20 degrees forward, Portrait setting: 0 - 20 degrees forward   |                                      | Landscape setting: 0 - 20 degrees forward, Portrait setting: 0 - 20 degrees forward   |  |
| Operating Environment               | Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altitude. Temperature 0 °C to 35 °C (32 °F to 95 °F) |                                      | Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altitude. Temperature 0 °C to 35 °C (32 °F to 95 °F) |  |
| Operating Time*5                    | 24 h/day  |                                      | 24 h/day  |  |
| <b>OPTIONS</b>                      |   |                                      |   |  |
| Multi Monitoring & Control Software | YES   |                                      | YES   |  |
| Early Warning Software              | ET-SWA100 Series  |                                      | ET-SWA100 Series  |  |
| Whiteboard Software*6               | Downloadable for free – for Windows   |                                      | Downloadable for free – for Windows   |  |

\*1: Limited performance.

\*2: When the slot is not in use.

\*3: Dimensions including SDM-Slot.

\*4: When installing the display vertically, be sure that the power indicator comes to the right side.

Please contact your sales representative with regard to the tilt angle before installation.

\*5: In case running for a long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*6: Downloadable for free. For more information, please visit Global website. <https://panasonic.net/cns/prodisplays/download/software/whiteboard/>

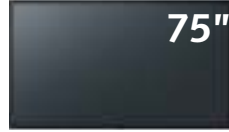
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# SQE1-IR Series

Interactive multi-touch displays with Infrared technology



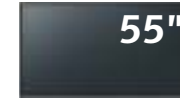
86"



75"



65"



55"

Multi-Touch Screen

| Model no.                           | TH-86SQE1-IR  | TH-75SQE1-IR                        | TH-65SQE1-IR  | TH-55SQE1-IR                        |
|-------------------------------------|---|-------------------------------------|---|-------------------------------------|
| <b>DISPLAY PANEL</b>                |   |                                     |   |                                     |
| Panel size                          | 86-inch (2174,2 mm)   | 75-inch (1893,7 mm)                 | 65-inch (1638,9 mm)   | 55-inch (1387,8 mm)                 |
| Panel type / Backlight              | E-LED   | D-LED                               | D-LED   | D-LED                               |
| Aspect ratio                        | 16:9  |                                     | 16:9  |                                     |
| Effective display area (W x H)      | 1895 x 1065,9 mm (74.6" x 41.96")   | 1649,6 x 927,9 mm (64.94" x 36.53") | 1428,4 x 803,5 mm (56.23" x 31.63")   | 1209,6 x 680,4 mm (47.62" x 26.78") |
| Resolution (H x V)                  | 3840 x 2160   |                                     | 3840 x 2160   |                                     |
| Brightness (Typ)                    | 500 cd/m2   |                                     | 500 cd/m2   |                                     |
| Contrast Ratio                      | 1100:1  | 1200:1                              | 1200:1  |                                     |
| Response Time                       | 8.0 ms (Typ) (G to G)   |                                     | 8.0 ms (Typ) (G to G)   |                                     |
| Viewing Angle [(T/B)/(L/R)]         | 178°/178° (CR>10)   |                                     | 178°/178° (CR>10)   |                                     |
| Panel Surface Treatment             | Anti-glare acid etched glass with 3.5% haze   |                                     | Anti-glare acid etched glass with 3.5% haze   |                                     |
| <b>TOUCH</b>                        |   |                                     |   |                                     |
| Detection Method                    | Infrared Blocking Detection Method  |                                     | Infrared Blocking Detection Method  |                                     |
| Touch Operation                     | Up to 20-point multi-touch  |                                     | Up to 20-point multi-touch  |                                     |
| Power Supply                        | USB 5V / 300mA  |                                     | USB 5V / 300mA  |                                     |
| OS                                  | Win 7/8/10, Android, Linux  |                                     | Win 7/8/10, Android, Linux  |                                     |
| <b>TERMINAL</b>                     |   |                                     |   |                                     |
| HDMI In                             | HDMI Type A Connector x 4   |                                     | HDMI Type A Connector x 4   |                                     |
| DisplayPort In                      | DisplayPort x 1   |                                     | DisplayPort x 1   |                                     |
| DisplayPort Out                     | DisplayPort x 1   |                                     | DisplayPort x 1   |                                     |
| PC In                               | Mini D-sub 15-pin x 1   |                                     | Mini D-sub 15-pin x 1   |                                     |
| Serial                              | D-sub 9pin x 1, RS-232C Compatible  |                                     | D-sub 9pin x 1, RS-232C Compatible  |                                     |
| IR In                               | Stereo Mini jack (M3) x 1   |                                     | Stereo Mini jack (M3) x 1   |                                     |
| Audio In                            | Pin Jack (L/R) x2   |                                     | Pin Jack (L/R) x2   |                                     |
| Audio Out                           | Stereo Mini jack (M3) x 1, SPDIF x 1  |                                     | Stereo Mini jack (M3) x 1, SPDIF x 1  |                                     |
| USB                                 | USB Connector Type-A x 2, Type-C x 1 (Internal) Type-A x 1  |                                     | USB Connector Type-A x 2, Type-C x 1 (Internal) Type-A x 1  |                                     |
| Slot                                | x1 (Intel® SDM specification, Corresponding size SDM-S / SDM-L, 12V x max. 3.5A)  |                                     | x1 (Intel® SDM specification, Corresponding size SDM-S / SDM-L, 12V x max. 3.5A)  |                                     |
| LAN                                 | RJ45 x 1  |                                     | RJ45 x 1  |                                     |
| <b>GENERAL</b>                      |   |                                     |   |                                     |
| Power Requirements                  | 110-127 V AC, 50/60 Hz, 220-240 V AC, 50/60 Hz  |                                     | 110-127 V AC, 50/60 Hz, 220-240 V AC, 50/60 Hz  |                                     |
| Power Consumption                   | max. 366 W (314 W)*1  | max. 336 W (282 W)*1                | max. 283 W (231 W)*1  | max. 199 W (145 W)*1                |
| Power off Condition                 | 0 W   |                                     | 0 W   |                                     |
| Stand-by Condition                  | Approx. 0.5 W   |                                     | Approx. 0.5 W   |                                     |
| Wifi                                | Dongle type   | Built-in                            | Built-in  |                                     |
| Dimensions (W x H x D)              | 1.962 x 1136 x 64,1 [97,6]*2 mm   | 1.716 x 1002 x 90,8 [113,7]*2 mm    | 1.495 x 876,4 x 96,9 [112,6]*2 mm   | 1.278,3 x 750,4 x 97,5 [119,7]*2 mm |
| Carton Size                         | 2.163 x 1.405 x 380 mm  | 1.948 x 1.170 x 210 mm              | 1.607 x 980 x 177 mm  | 1.369 x 874 x 165 mm                |
| Weight                              | 97,9 kg   | 65,4 kg                             | 47,8 kg   | 30,2 kg                             |
| Gross Weight                        | 120 kg  | 80 kg                               | 58 kg   | 37 kg                               |
| Wall-hanging pitch                  | VESA Compliant 600 x 400 mm (23.6" x 15.8"), M8   |                                     | VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6   |                                     |
| Protective Glass Thickness          | 3 mm  |                                     | 3 mm  |                                     |
| Bezel Width                         | 40 mm   | 40 mm                               | 40 mm   | 34 mm                               |
| Built-in Speaker                    | 24 W [12 W + 12 W]  |                                     | 16 W [8 W + 8 W]  |                                     |
| Orientation                         | Landscape / Portrait  |                                     | Landscape / Portrait  |                                     |
| Tilting Angle*4                     | Landscape setting: 0 - 20 degrees forward, Portrait setting: 0 - 20 degrees forward   |                                     | Landscape setting: 0 - 20 degrees forward, Portrait setting: 0 - 20 degrees forward   |                                     |
| Operating Environment               | Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altitude. Temperature 0 °C to 35 °C (32 °F to 95 °F) |                                     | Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altitude. Temperature 0 °C to 35 °C (32 °F to 95 °F) |                                     |
| Operating Time*5                    | 24 h/day  |                                     | 24 h/day  |                                     |
| <b>OPTIONS</b>                      |   |                                     |   |                                     |
| Multi Monitoring & Control Software | YES   |                                     | YES   |                                     |
| Early Warning Software              | ET-SWA100 Series  |                                     | ET-SWA100 Series  |                                     |
| Whiteboard Software*3               | Downloadable for free – for Windows   |                                     | Downloadable for free – for Windows   |                                     |

\*1: When the slot is not in use.

\*2: Dimensions including SDM-Slot.

\*3: When installing the display vertically, be sure that the power indicator comes to the right side. Please contact your sales representative with regard to the tilt angle before installation.

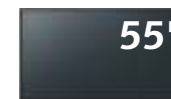
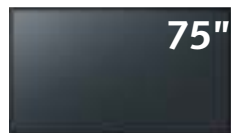
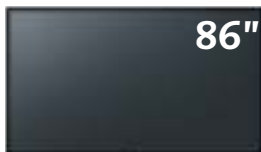
\*4: In case running for a long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

\*5: Downloadable for free. For more information, please visit Global website. <https://panasonic.net/cns/prodisplays/download/software/whiteboard/>

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# CQE1-IR Series

Interactive multi-touch displays with Infrared technology



Multi-Touch Screen

| Model no.                           | TH-86CQE1-IR  | TH-75CQE1-IR                        | TH-65CQE1-IR  | TH-55CQE1-IR                                   |
|-------------------------------------|---|-------------------------------------|---|--|
| <b>DISPLAY PANEL</b>                |   |                                     |   |  |
| Panel size                          | 86-inch (2174,2 mm)   | 75-inch (1893,7 mm)                 | 65-inch (1638,9 mm)   | 55-inch (1387,8 mm)                            |
| Panel type                          | E-LED   | D-LED                               | D-LED   | D-LED  |
| Aspect ratio                        | 16:9  |                                     | 16:9  |  |
| Effective display area (W x H)      | 1895 x 1065,9 mm (74.6" x 41.96")   | 1649,6 x 927,9 mm (64.94" x 36.53") | 1428,4 x 803,5 mm (56.23" x 31.63")   | 1209,6 x 680,4 mm (47.62" x 26.78")            |
| Resolution (H x V)                  | 3840 x 2160   |                                     | 3840 x 2160   |  |
| Brightness (Typ)                    | 400 cd/m2   |                                     | 400 cd/m2   |  |
| Contrast Ratio                      | 1200:1  |                                     | 1200:1  | 1300:1   |
| Response Time                       | 8.0 ms (Typ) (G to G)   |                                     | 8.0 ms (Typ) (G to G)   |  |
| Viewing Angle (Horizontal/Vertical) | 178°/178° (CR>10)   |                                     | 178°/178° (CR>10)   |  |
| Panel Surface Treatment             | Anti-glare acid etched glass with 3.5% haze   |                                     |   |  |
| <b>TOUCH</b>                        |   |                                     |   |  |
| Detection Method                    | Infrared Blocking Detection Method  |                                     |   |  |
| Touch Operation                     | Up to 20-point multi-touch  |                                     |   |  |
| Power Supply                        | USB 5V / 300mA  |                                     |   |  |
| OS                                  | Win 7/8/10, Android, Linux  |                                     |   |  |
| <b>TERMINAL</b>                     |   |                                     |   |  |
| HDMI In                             | HDMI Type A Connector x 4   |                                     |   |  |
| PC In                               | Mini D-sub 15-pin x 1 (Female)  |                                     |   |  |
| Serial                              | D-sub 9pin x 1 (Female) , RS-232C Compatible  |                                     |   |  |
| IR In                               | Stereo Mini jack (M3) x 1   |                                     |   |  |
| Audio In                            | Pin Jack (L/R) x 2  |                                     |   |  |
| Audio out                           | Stereo Mini jack (M3) x 1, SPDIF x 1  |                                     |   |  |
| USB                                 | USB Connector Type-A x 2, Type-C x 1, (Internal) Type-A x 1   |                                     |   |  |
| LAN                                 | RJ45 x 1  |                                     |   |  |
| <b>GENERAL</b>                      |   |                                     |   |  |
| Power Requirements                  | 110-127 V AC, 50/60 Hz, 220-240 V AC, 50/60 Hz  |                                     | 110-127 V AC, 50/60 Hz, 220-240 V AC, 50/60 Hz  |  |
| Power Consumption                   | max. 366 W  | max. 309 W                          | max. 226 W  | max. 137 W                                     |
| Power off Condition                 | 0 W   |                                     |   |  |
| Stand-by Condition                  | Approx. 0.5 W   |                                     |   |  |
| Wifi                                | Dongle  | Built-in                            | Built-in  |  |
| Dimensions (W x H x D)              | 1.962 x 1.136 x 64,1 mm   | 1.716 x 1.002 x 90,8 mm             | 1.495 x 876,4 x 96,9 mm   | 1.278,3 x 750,4 x 97,5 mm                      |
| Carton Size                         | 2.163 x 1.405 x 380 mm  | 1.948 x 1.170 x 210 mm              | 1.607 x 980 x 177 mm  | 1.369 x 874 x 165 mm                           |
| Weight                              | 96,7 kg   | 64,8 kg                             | 47,2 kg   | 29,2 kg  |
| Gross Weight                        | 119 kg  | 79 kg                               | 58 kg   | 35 kg  |
| Wall-hanging pitch                  | VESA Compliant 600 x 400 mm (23.6" x 15.8"), M8   |                                     | VESA Compliant 400 x 400 mm (15.8" x 15.8"), M6   | VESA Compliant 400 x 200 mm (15.8" x 7.9"), M6 |
| Protective Glass Thickness          | 3 mm  |                                     |   |  |
| Bezel Width                         | 40 mm   | 40 mm                               | 40 mm   | 34 mm  |
| Built-in Speaker                    | 24 W [12 W + 12 W]  |                                     | 16 W [8 W + 8 W]  |  |
| Orientation                         | Landscape   |                                     |   |  |
| Tilting Angle*1                     | Landscape setting: 0-20 degrees forward   |                                     |   |  |
| Operating Environment               | Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altitude. Temperature 0 °C to 35 °C (32 °F to 95 °F) Altitude 1400-2800 m (4593 ft to 7874 ft) |                                     | Temperature: 0° to 40°C (32 °F to 104 °F) / Humidity: 20-80% (Non condensation) / for up to 0-1400 m (4593 ft) altitude. Temperature 0 °C to 35 °C (32 °F to 95 °F) Altitude 1400-2800 m (4593 ft to 7874 ft) |  |
| Operating Time*2                    | 16 h/day  |                                     |   |  |
| <b>OPTIONS</b>                      |   |                                     |   |  |
| Multi Monitoring & Control Software | YES   |                                     |   |  |
| Early Warning Software              | ET-SWA100 Series  |                                     |   |  |
| Whiteboard Software*3               | Downloadable for free – for Windows   |                                     |   |  |

\*1: Please contact your sales representative with regard to the tilt angle before installation.

\*2: In case running for a long time, the moving image is recommended to be displayed.

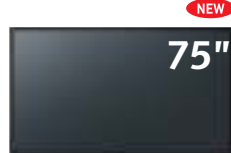
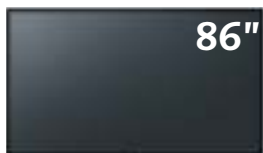
\*3: Downloadable for free. For more information, please visit Global website. <https://panasonic.net/cns/prodisplays/download/software/whiteboard/>

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# EQ2-PCAP Series

Interactive Multi-Touch displays with Capacitive Touch technology

Available from February



Multi-Touch Screen

| Model no.                         | TH-86EQ2-PCAP   | TH-75EQ2-PCAP   | TH-65EQ2-PCAP   |
|-----------------------------------|---|---|---|
| <b>DISPLAY PANEL</b>              |   |   |   |
| Panel Size                        | 86-inch (2174,2 mm)   | 75-inch (1892,7 mm)   | 64.5-inch (1638.9 mm)   |
| Panel type / Backlight            | D-LED   |   |   |
| Aspect ratio                      | 16:09   |   |   |
| Effective display area (W x H)    | 1895.0 x 1065.9 mm (74.60° x 41.96°)  | 1649.6 x 927.9 mm (64.94° x 36.53°)   | 1428.4 x 803.5 mm (56.23° x 31.63°)   |
| Resolution (H x V)                | 3840 x 2160   |   |   |
| Brightness (Typ)                  | 500 cd/m2   |   |   |
| Contrast Ratio                    | 1200:1  |   |   |
| Response Time                     | 8.0 ms (G to G)   |   |   |
| Viewing Angle [(T/B)/(L/R)]       | 178°/178° (CR≥10)   |   |   |
| Panel Surface Treatment           | Anti-glare  |   |   |
| <b>TOUCH</b>                      |   |   |   |
| Detection Method                  | Projected Capacitive Technology Multitouch  |   |   |
| Input Method                      | Finger and Gloved Finger  |   |   |
| Glass Standard                    | Anti-Glare  |   |   |
| Number of Simultaneous Touches    | Up to 10-point multi-touch  |   |   |
| Controller                        | Printed circuit board with mini USB connector   |   |   |
| OS with Single Touch              | Mac OS X Yosemite (multitouch support through TUIO bridge)  |   |   |
| OS with Multitouch                | Win 7/8/10, Android, Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS  |   |   |
| <b>TERMINAL</b>                   |   |   |   |
| HDMI IN                           | HDMI Type A Connector x 3   |   |   |
| PC IN                             | Mini D-Sub 15-pin (DDC2B) x 1   |   |   |
| SERIAL IN                         | D-sub 9pin x 1, RS-232C Compatible  |   |   |
| IR IN / OUT                       | Stereo Mini Jack (Ø3.5 mm) x 1 / x 1  |   |   |
| AUDIO IN                          | Stereo Mini Jack (Ø3.5 mm) x 1 (Shared video input except USB and MEMORY VIEWER) 0.5 V [rms]  |   |   |
| AUDIO OUT                         | Stereo Mini Jack (Ø3.5 mm) x 1 Variable (-∞ - 0 dB) (1 kHz 0 dB Input, 10 kΩ Load) 0.5 V [rms]  |   |   |
| LAN                               | RJ45 x 1 compatible with PLinkTM, RJ45 10BASE-T/100BASE-TX  |   |   |
| USB                               | USB Type A Connector x 1 (DC 5 V / 1 A, USB 3.0 is supported),<br>USB Type A Connector x 1 (DC 5 V / 2 A, USB 2.0 is supported)<br>USB Type C Connector x 1 (Max 60 W Power Delivery compatible, USB2.0 is supported, DP Alt Mode compatible) |   |   |
| Function slot                     | Intel® SDM specification, Corresponding size SDM-S / SDM-L, Supply power 3.3 V / 1.1 A, 12 V / 5.5 A  |   |   |
| <b>GENERAL</b>                    |   |   |   |
| Built-in Speaker                  | 20 W [10 W+10 W]  |   |   |
| Power Requirements                | AC 110 - 240 V 50 Hz / 60 Hz  |   |   |
| Power consumption                 | 580 W   | 385 W   | 340 W   |
| On Mode Average Power Consumption | 480 W   | 270 W   | 226 W   |
| Power off Condition               | Approx. 0.3 W   |   |   |
| Stand-by Condition                | Approx. 0.5 W   |   |   |
| Apparent Power                    | 591 VA  | 394 VA  | 357 VA  |
| Dimensions (W x H x D)            | TBD   | TBD   | 1521,5 x 896,4 x 63*2 mm  |
| Weight                            | 91,2  | 60,3  | 44,7  |
| Bezel Color                       | Black   |   |   |
| Carton Dimensions (W x H x D)     | 2130 x 1321 x 248 mm (83.86° x 52.01° x 9.77°)  | 1870 x 1143 x 280 mm (73.63° x 45.00° x 11.03°)                                   | 1616 x 998 x 187 mm (63.63° x 39.30° x 7.37°)   |
| Gross Weight                      | 111,5   | 74  | 55  |
| Cabinet Material                  | Bezel: Aluminum Metal Ring / Back: Metal  |   |   |
| Pitch for Wall-Hanging            | VESA Compliant 600 x 400 mm<br>(Installed by: M8 screws / Screw hole depth 20 mm)   | VESA Compliant 600 x 400 mm<br>(Installed by: M8 screws / Screw hole depth 20 mm) | Bezel: Aluminum Metal Ring / Back: Metal<br>VESA Compliant 400 x 400 mm<br>(Installed by: M8 screws / Screw hole depth 20 mm) |
| Orientation                       | Landscape / Portrait  |   |   |
| Tilting Angle*1                   | Landscape : 0 - 20 degrees forward / backward<br>Portrait : 0 - 20 degrees forward / backward   |   |   |
| Operating Environment             | Temperature : 0°C to 40°C*1 ; 0°C to 35°C*2<br>Humidity : 20% to 80% (No condensation)  |   |   |

\*1: When installing the display vertically, be sure that the power indicator comes to the right side. Please contact your sales representative with regard to the tilt angle before installation.

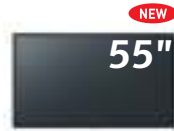
\*2 Including depth of touch controller box

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[business.panasonic.co.uk/visual-system](http://business.panasonic.co.uk/visual-system)

# EQ2-PCAP Series

Interactive Multi-Touch displays with Capacitive Touch technology

Available from February



| Model no.                         | TH-55EQ2-PCAP   | TH-50EQ2-PCAP   | TH-43EQ2-PCAP   |
|-----------------------------------|---|---|---|
| <b>DISPLAY PANEL</b>              |   |   |   |
| Panel Size                        | 54.6-inch (1387.8 mm)   | 49.5-inch (1257.3 mm)   | 42.5-inch (1079.8 mm)   |
| Panel type / Backlight            | D-LED   |   |   |
| Aspect ratio                      | 16:09   |   |   |
| Effective display area (W x H)    | 1209.6 x 680.4 mm (47.62" x 26.78")   | 1095.8 x 616.4 mm (43.14" x 24.26")   | 941.1 x 529.4 mm (37.05" x 20.84")  |
| Resolution (H x V)                | 3840 x 2160   |   |   |
| Brightness (Typ)                  | 500 cd/m2   |   |   |
| Contrast Ratio                    | 1200:1  | 5000:1  | 1200:1  |
| Response Time                     | 8.0 ms (G to G)   |   |   |
| Viewing Angle [(T/B)/(L/R)]       | 178°/178° (CR≥10)   |   |   |
| Panel Surface Treatment           | Anti-glare  |   |   |
| <b>TOUCH</b>                      |   |   |   |
| Detection Method                  | Projected Capacitive Technology Multitouch  |   |   |
| Input Method                      | Finger and Gloved Finger  |   |   |
| Glass Standard                    | Anti-Glare  |   |   |
| Number of Simultaneous Touches    | Up to 10-point multi-touch  |   |   |
| Controller                        | Printed circuit board with mini USB connector   |   |   |
| OS with Single Touch              | Mac OS X Yosemite (multitouch support through TUIO bridge)  |   |   |
| OS with Multitouch                | Win 7/8/10, Android, Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS  |   | Win 7/8/10, Android, Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS  |
| <b>TERMINAL</b>                   |   |   |   |
| HDMI IN                           | HDMI Type A Connector x 3   |   |   |
| PC IN                             | Mini D-Sub 15-pin (DDC2B) x 1   |   |   |
| SERIAL IN                         | D-sub 9pin x 1, RS-232C Compatible  |   |   |
| IR IN / OUT                       | Stereo Mini Jack (Ø3.5 mm) x 1 / x 1  |   |   |
| AUDIO IN                          | Stereo Mini Jack (Ø3.5 mm) x 1 (Shared video input except USB and MEMORY VIEWER) 0.5 V [rms]  |   |   |
| AUDIO OUT                         | Stereo Mini Jack (Ø3.5 mm) x 1 Variable (-∞ - 0 dB) (1 kHz 0 dB Input, 10 kΩ Load) 0.5 V [rms]  |   |   |
| LAN                               | RJ45 x 1 compatible with PLinkTM, RJ45 10BASE-T/100BASE-TX  |   |   |
| USB                               | USB Type A Connector x 1 (DC 5 V / 1 A, USB 3.0 is supported),<br>USB Type A Connector x 1 (DC 5 V / 2 A, USB 2.0 is supported)<br>USB Type C Connector x 1 (Max 60 W Power Delivery compatible, USB2.0 is supported, DP Alt Mode compatible) |   | USB Type A Connector x 1 (DC 5 V / 1 A, USB 3.0 is supported),<br>USB Type A Connector x 1 (DC 5 V / 2 A, USB 2.0 is supported)<br>USB Type C Connector x 1 (Max 60 W Power Delivery compatible, USB2.0 is supported, DP Alt Mode compatible) |
| Function slot                     | Intel® SDM specification, Corresponding size SDM-S / SDM-L, Supply power 3.3 V / 1.1 A, 12 V / 5.5 A  |   |   |
| <b>GENERAL</b>                    |   |   |   |
| Built-in Speaker                  | 20 W [10 W+10 W]  |   |   |
| Power Requirements                | AC 110 - 240 V 50 Hz / 60 Hz  |   |   |
| Power consumption                 | 280 W   | 255 W   | 225 W   |
| On Mode Average Power Consumption | 173 W   | 146 W   | 116 W   |
| Power off Condition               | Approx. 0.3 W   |   |   |
| Stand-by Condition                | Approx. 0.5 W   |   |   |
| Apparent Power                    | 292 VA  | 268 VA  | 236 VA  |
| Dimensions (W x H x D)            | 1273 x 743 x 62*2 mm  | TBD   | 989,4 x 586,5 x 62*2 mm   |
| Weight                            | 28,5  | 24,5  | 18,3  |
| Bezel Color                       | Black   |   |   |
| Carton Dimensions (W x H x D)     | 1350 x 860 x 160 mm (53.15" x 33.86" x 6.30")   | 1230 x 800 x 142 mm (48.43" x 31.50" x 5.60")                                     | 1070 x 673 x 141 mm (42.13" x 26.50" x 5.56")   |
| Gross Weight                      | 35,5  | 30  | 22,6  |
| Cabinet Material                  | Bezel: Aluminum Metal Ring / Back: Plastic  |   |   |
| Pitch for Wall-Hanging            | VESA Compliant 400 x 400 mm<br>(Installed by: M6 screws / Screw hole depth 18 mm)   | VESA Compliant 400 x 400 mm<br>(Installed by: M6 screws / Screw hole depth 20 mm) | Bezel: Aluminum Metal Ring / Back: Plastic<br>VESA Compliant 200 x 200 mm<br>(Installed by: M6 screws / Screw hole depth 16 mm)   |
| Orientation                       | Landscape / Portrait  |   |   |
| Tilting Angle*1                   | Landscape : 0 - 20 degrees forward / backward<br>Portrait : 0 - 20 degrees forward / backward   |   | Landscape : 0 - 20 degrees forward / backward<br>Portrait : 0 - 20 degrees forward / backward   |
| Operating Environment             | Temperature : 0°C to 40°C*1 : 0°C to 35°C*2<br>Humidity : 20% to 80% (No condensation)  |   | Temperature : 0°C to 40°C*1 : 0°C to 35°C*2<br>Humidity : 20% to 80% (No condensation)  |

\*1: When installing the display vertically, be sure that the power indicator comes to the right side. Please contact your sales representative with regard to the tilt angle before installation.

\*2 Including depth of touch controller box

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# Engaging Interactive Multi-Touch Displays for high efficient Team work and Digital signage

## Slim and stylish design with high precision intuitive touch for collaboration & teamworks

- Wide range of sizes, from 55" to 86", to meet any space requirements.
- Multi-touch screen integrated infrared touch frame with 20 simultaneous touchpoints increases usability and participant involvement.
- Flexible installation (landscape, portrait or back-tilt 20°)
- 4k ultra HD resolution delivering the highest detail and image quality.



## Built for practicality

- Created with safety and ease of use in mind, the touch screens are perfect for use in schools and other education spaces.
- The screens with IG technology are built with protection tempered anti-glare glass with only 3mm thickness.
- The larger size (75", 86") come with a handy carrying handle to ensure efficient and safe mobility.



## Cost-effective collaboration

- As with all the Panasonic interactive range, the SQE1/CQE1-IR and SQ1/SQE1-IG displays can be used with the Panasonic Whiteboard Software for Windows or Mac, including a whiteboard mode, PowerPointR presentation mode – as well as Video and Screen Capture functions.
- These multi-touch displays includes a wide range of flexible functions and extended connectivity from the main SQ1/SQE2/CQE2 series.



## SQ1-IG Series

Premium interactive multi-touch display – ideal for executive-level meeting rooms, collaborative spaces or interactive applications.

### Ideal for:

- Meeting Rooms
- Huddle Rooms
- Showrooms
- Museums
- Exhibitions
- Higher Education
- Control rooms
- Broadcast studios
- Retail
- Signage

### Key Features:

- Featuring InGlass™ reliable and stable touch technology. Gives best touch accuracy with 4K resolution.
- Up to 20/40 simultaneous touches and drags for superior touch performance and highest efficient collaboration among multi users
- Best writing experience : anti-glare surface and paper-like drawing feeling
- Differentiates pen, finger and fist. Palm rejection feature
- Sleek design with flat glass surface and narrow bezel
- Benefits from all the premium features of the SQ1 display range, 4K resolution, 500 cd/m<sup>2</sup>, 24/7 operation, in large formats 86", 75", 65", 55"
- High expandability with ultra-slim Intel® SDM (Intel® Smart Display Module) slot, DisplayPort connection for daisy-chain signage, multiple screen function (quad, PinP, PbyP) and 4K DIGITAL LINK to create integrated smart collaboration and signage solutions

### Basic Specifications



## SQE1-IG Series

Premium interactive multi-touch display – ideal for executive-level meeting rooms, collaborative spaces or interactive applications.

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### Key Features:

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- Up to 20/40 simultaneous touches and drags for superior touch performance and highest efficient collaboration among multi users
- Best writing experience : anti-glare surface and paper-like drawing feeling
- Differentiates pen, finger and fist. Palm rejection feature
- Sleek design with flat glass surface and narrow border
- Benefits from all the premium features of the SQE1 display range, 4K resolution, 500 cd/m<sup>2</sup>, 24/7 operation, in large formats 86", 75", 65", 55"
- Slot with Intel® SDM (Smart Display Module) specifications. Equipped with 4 HDMI, USB Type-A and C, DP(In/Out) input terminals, supports HDMI CEC

### Basic Specifications



## SQE1-IR Series

4K multi-touch display with infrared technology and high flexibility to enhance collaboration

### Ideal for:

- Classrooms and seminar rooms
- Huddle rooms
- Offices
- Lecture theatres
- Presentation rooms
- Control rooms.

### Key Features:

- Slim and stylish design multi-touch screens 55" to 86", 500 cd/m<sup>2</sup>, 24/7 operation
- Precise writing experience and up to 20 simultaneous touch points to enhance collaboration
- 4K resolution, fast response and precise touch for the highest detail and quality of images, drawings or data. Non-4K sources are also beautifully compensated
- Bright and efficient high-visibility 4K panel
- Built-in USB Media Player playing 4K content eliminates the need for external devices and allows updates to USB memory devices via LAN
- Slot with Intel® SDM (Smart Display Module) specifications. Equipped with 4 HDMI, USB Type-A and C, DP(In/Out) input terminals, supports HDMI CEC
- Flexible and light installation either in Portrait, landscape and tilt (landscape forward 20 degree) orientation

### Basic Specifications



## CQE1-IR Series

4K entry professional multi-touch display with infrared touch technology for high user engagement

### Ideal for:

- Classrooms and seminar rooms
- Huddle rooms
- Offices
- Lecture theatres
- Presentation rooms
- Control rooms.

### Key Features:

- Slim and stylish design with wide range of sizes, from 55" to 86", to meet any space
- Infrared technology up to 20 simultaneous touch points to ensure an ease of use and to enhance interaction and collaboration
- 4K resolution for the highest detail and quality of images, drawings and data. Non-4K sources are also beautifully compensated
- Built-in USB Media Player playing 4K content eliminates the need for external devices and allows updates to USB memory devices via LAN
- Extensive connectivity

### Basic Specifications



# VF/LFV Series



| Model no.                             | TH-55VF2H  | TH-55VF2   | TH-55LFV9  |
|---------------------------------------|--|--|--|
| <b>DISPLAY PANEL</b>                  |  |  |  |
| Screen size (Diagonal)/Aspect Ratio   | 55-inch (1387 mm)/16:9   | 55-inch (1387 mm)/16:9                             | 55-inch (1387.8 mm)  |
| Panel Type                            | IPS/Direct LED   | IPS/Direct LED                                     | IPS/Direct LED   |
| Effective Display Area (W x H)        | 1209.6 x 680.3 mm (47.6" x 26.7")  | 1209.6 x 680.3 mm (47.6" x 26.7")                  | 1209.6 x 680.4 mm (47.62" x 26.78")  |
| Resolution (H x V)                    | 1920 x 1080  | 1920 x 1080  | 1920 x 1080  |
| Brightness (Typ.)                     | 700 cd/m <sup>2</sup>  | 500 cd/m <sup>2</sup>                              | 500 cd/m <sup>2</sup>  |
| Contrast Ratio                        | 1100:1   | 1100:1   | 1200:1   |
| Dynamic Contrast Ratio                | 500000:1   | 500000:1   | 500000:1   |
| Response Time                         | 9.0 ms (G to G)  | 9.0 ms (G to G)                                    | 9.0 ms (G to G)  |
| Viewing Angle (Horizontal/Vertical)   | 178° / 178° (CR≥10)  | 178° / 178° (CR≥10)                                | 178° / 178° (CR≥10)  |
| Panel Surface Treatment               | Advanced Anti-Glare (Haze 28 %)  | Advanced Anti-Glare (Haze 28 %)                    | Anti-Glare (Haze 28 %)   |
| <b>TERMINAL</b>                       |  |  |  |
| HDMI In                               | HDMI Type A Connector x 1  |  | HDMI Type A Connector x 2  |
| VIDEO In                              | -  |  | BNC x 1 (Shared with Component In)   |
| Audio In (L/R)                        | -  |  | Stereo Mini Jack x 1 (Shared with Component In)  |
| Component/RGB In                      | -  |  | BNC x 1 set (Shared with VIDEO In)   |
| Audio In (L/R)                        | -  |  | Stereo Mini Jack x 1 (Shared with Video In)  |
| DisplayPort In                        | DisplayPort x 1 (DP1.1a Dual Mode Only)  |  | DisplayPort x 1 (DP1.1a / DP1.2)   |
| DisplayPort Out                       | -  |  | DisplayPort x 1  |
| DVI-D In                              | DVI-D 24-pin x 2 (Female)  |  | DVI-D 24-pin x 1 (Female)  |
| Audio In (L/R)                        | Stereo Mini Jack (M3) x 1 (Shared with PC In)  |  | Pin Jack (L+R) x 1 set (Shared with PC In)   |
| DVI-D Out                             | -  |  | -  |
| PC In                                 | Mini D-Sub 15-pin x 1 (Female)   |  | Mini D-Sub 15-pin x 1 (Female)   |
| Audio In (L/R)                        | Stereo Mini Jack (M3) x 1 (Shared with DVI-D In)   |  | Pin Jack (L+R) x 1 set (Shared with DVI-D In)  |
| DVI-I Out                             | -  |  | DVI-I 29-pin x 1   |
| USB                                   | USB Connector (TYPE-A) x 1, DC 5 V/500 mA (USB3.0 is not supported.)   |  | USB Connector (TYPE-A) x 1, DC 5 V/500 mA (USB3.0 is not supported.)   |
| Serial In/Out                         | D-Sub 9-pin x 1 (Male) / x 1 (Female), RS-232C Compatible D-Sub 9-pin x 1 (Male) / x 1, RS-232C Compatible                   |  | 2.5 mm Phone Jack x 1 / x 1  |
| DIGITAL LINK In/DIGITAL LINK Out LAN  | RJ45 x 1 / x 1, 100 BASE-TX, Compatible with long reach mode and PLink™ (Shared with LAN)                                    |  | -  |
| IR In/Out                             | Stereo Mini Jack (M3) x 1 / x 1  |  | Stereo Mini Jack (M3) x 1 / x 1  |
| Audio 1 In                            | Stereo Mini Jack (M3) x 1  |  | -  |
| Audio 2 In                            | L/R Pin Jack x 1   |  | -  |
| Audio Out                             | Stereo Mini Jack (M3) x 1, 0.5 V [rms]<br>Variable (-∞ ~ 0 dB) (1 kHz 0 dB Input, 10 kΩ Load)                                |  | Stereo Mini Jack (M3) x 1 0.5 V [rms]<br>Variable (-∞ ~ 0 dB) (1 kHz 0 dB Input, 10 kΩ Load)                               |
| <b>GENERAL</b>                        |  |  |  |
| Power Requirements                    | 220-240 V AC, 50 Hz/60 Hz  | 220-240 V AC, 50 Hz/60 Hz                          | 220-240 V AC, 50 Hz/60 Hz  |
| Power Consumption                     | 300 W  | 300 W  | 185 W  |
| Stand-by Condition                    | Approx. 0.5 W  | Approx. 0.5 W                                      | Approx. 0.5 W  |
| Dimensions (W x H x D)                | 1210.6 x 681.3 x 97.3 mm (47.66" x 26.82" x 3.83")   | 1210.6 x 681.3 x 97.3 mm (47.66" x 26.82" x 3.83") | 1213.4 x 684.2 x 98.0 mm (47.78" x 26.94" x 3.86")   |
| Carton Size (W x H x D)               | 1395 x 848 x 280 mm (55.0" x 33.4" x 11.1")  | 1395 x 848 x 280 mm (55.0" x 33.4" x 11.1")        | 1395 x 848 x 280 mm (55.0" x 33.4" x 11.1")  |
| Bezel Width                           | T/B/L/R: 0.44 mm (0.018")  | T/B/L/R: 0.44 mm (0.018")                          | L/T: 2.25mm (0.089"), R/B: 1.25mm (0.049")   |
| Bezel to Bezel *1                     | 0.88 mm (0.034") (Multi Screen)  | 0.88 mm (0.034") (Multi Screen)                    | 3.5 mm (0.14") (Multi Screen)  |
| Weight                                | Approx. 23.0 kg (50.7 lbs.)  | Approx. 23.0 kg (50.7 lbs.)                        | 27.0 kg (59.5 lbs.)  |
| Gross Weight                          | Approx. 34.0 kg (75.0 lbs.)  | Approx. 34.0 kg (75.0 lbs.)                        | 37.0 kg (81.6 lbs.)  |
| Pitch for Wall-Hanging                | VESA compliant 400 x 400 mm (15.8" x 15.8")  |  | VESA compliant 400 x 400 mm (15.8" x 15.8")  |
| External Speaker                      | -  |  | 8 Ω, 20 W [10W + 10 W] (10% THD)   |
| Orientation*2                         | Landscape/Portrait   |  | Landscape/Portrait   |
| Tilting Angle*2                       | Vertical Only  |  | Vertical Only  |
| Operating Environment                 | Temperature: 0 °C to 40 °C (32 °F to 104 °F)*3 / 0 °C to 35 °C (32 °F to 95 °F)*4 / Humidity: 20 % to 80 % (No Condensation) |  | Temperature: 0 °C to 40 °C (32 °F to 104 °F)*3 / 0 °C to 35 °C (32 °F to 95 °F)*4 / Humidity: 20% to 80% (No Condensation) |
| Storage Environment                   | Temperature:-20 °C to 60 °C (-4 °F to 140 °F) / Humidity: 10% to 90 % (Non condensation)                                     |  | Temperature:-20 °C to 60 °C (-4 °F to 140 °F) / Humidity: 10 % to 90 % (Non condensation)                                  |
| Operating Time*6                      | 24 h/day   |  | 24 h/day   |
| <b>OPTIONS</b>                        |  |  |  |
| Cover Frame Kit                       | -  |  | -  |
| Installation Mount                    | TY-VK55LV2   |  | TY-VK55LV2   |
| Early Warning Software*7              | ET-SWA100/105 Series   |  | ET-SWA100/105 Series   |
| Auto Display Adjustment Upgrade Kit*8 | TY-VUK10   |  | TU-VUK10   |
| Multi Window Processor                | -  |  | -  |

\*1: Bezel-to-Bezel distance means the combined top and bottom (or left and right) bezel width of adjacent displays in multi-screen. The gap between displays is not included. Note a gap of 0.5 mm (0.02") or more is required when installing multiple displays.  
 \*2: Please contact your sales representative with regard to the tilt angle before installation.  
 \*3: For up to 1400 m (4593 ft) altitude. \*4: For between 1400m (4593 ft) to 2800 m (9186 ft) altitude. \*5: For up to 2000 m (6562 ft) altitude.

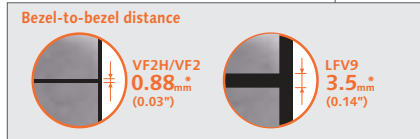
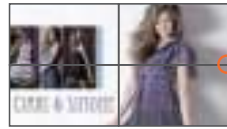
\*6: In case of long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.  
 \*7: Multi Monitoring & Control Software Ver. 2.1 or later is required. Suffix of the part number may differ depending on the license type.  
 \*8: Download the latest Video Wall Manager from Global Website in advance. (<https://panasonic.net/cns/prodisplays/download/software/vwm/>)



### Narrow Bezel for Seamless Video Walls

VF2H/VF2 Lfv9

Narrow frames on Panasonic's LCD Video Wall Series reduce bezel-to-bezel distance to a near-invisible 0.88 mm\*. Even when viewed close-up, screen borders are almost indiscernible, resulting in truly spectacular large-format images.



\* TH-55VF2H/55VF2 features 0.88 mm (0.03"), and TH-55Lfv9 3.5 mm (0.14"), bezel-to-bezel distance. Bezel-to-bezel distance refers to the combined top and bottom (or left and right) bezel-width of adjacent displays in video-wall configuration. The gap between displays is not included. Note that a gap of 0.5 mm or more is required when installing multiple displays.

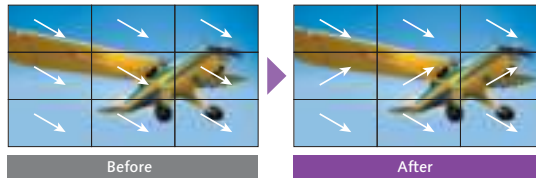
### Improved Multi-Screen Video Visibility

VF2H/VF2

When high-speed video is played on multiple screens in a video wall, some image misalignment can occur between vertically adjacent panels. VF2H, and VF2 Series feature a Reverse Scan Function that alternates the scanning direction of vertically adjacent displays to improve image alignment. Frame Control Function, meanwhile, adjusts the number of video frames displayed to reproduce images with natural fluidity.

#### Reverse Scan Function

Reverses direction of image scanning to smoothly play enlarged video on multiple screens



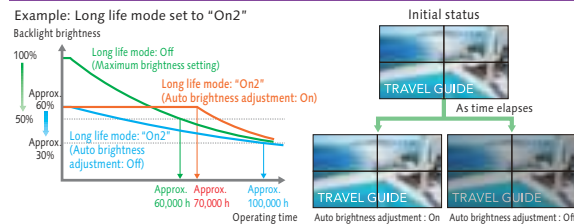
Note: Images are simulated.

### Delivers Stable Brightness for Up to 8 Years\*

VF2H/VF2

The VF2H, VF2 Series incorporates Long Life mode and a new Auto Brightness Adjustment function. In Long Life mode, backlight brightness is optimized to extend product life. Auto Brightness Adjustment function corrects light output automatically according to the rate of backlight deterioration to maintain constant brightness for longer.

#### Long Life mode & Auto Brightness Adjustment function



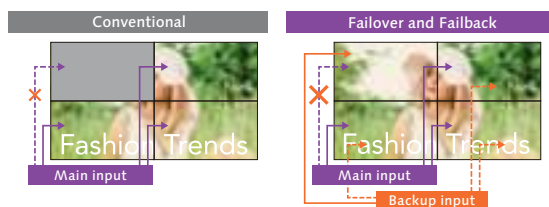
Note: Assuming operating conditions of 25 °C (± 2 °C). Environmental conditions and conditions of usage may affect brightness longevity and operating period. "On2" delivers approximately 60 % maximum specified backlight brightness. Auto brightness adjustment cannot be turned on if panel illumination period has exceeded 1,000 hours. Note: Images and graphs are simulated.

\* Figure is approximate when operating continuously for 24 hours x 365 days.

### Failover and Failback Safeguards Maintain Image Display

VF2H/VF2 Lfv9

Digital signal inputs comprise one or two DVI-D terminals together with HDMI, DisplayPort, DIGITAL LINK\*, and USB terminals. If primary audio-video signals are interrupted, the display immediately switches to an alternative input. This makes the Panasonic LCD Video Wall Series well suited for use in control rooms and in other applications where uninterrupted playback is essential.



If AV signals via the primary input is interrupted, images are no longer displayed.

If the primary AV signal is interrupted, the system automatically switches to a backup input so video display is maintained.

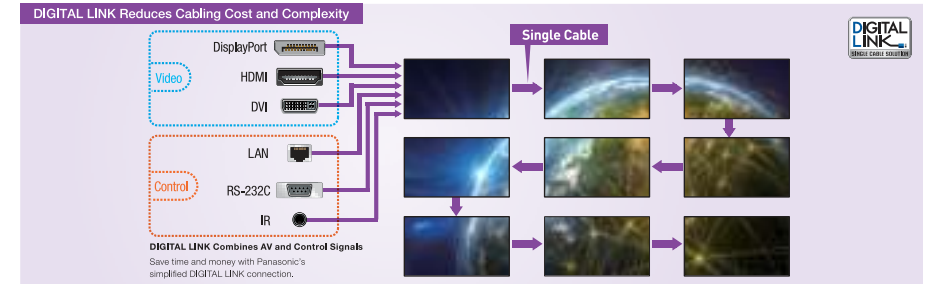
Note: Possible combinations of main/backup input signals are limited. For details, please visit the Panasonic website.

\* DIGITAL LINK available on VF2H, VF2 only. Display Port available on VF2H, VF2 only.

### DIGITAL LINK Simplifies Installation at Lower Cost

VF2H/VF2

Based on HDBase™ technology, the DIGITAL LINK connection on VF2H, and VF2 Series displays supports audio, video, and control signal transmission over long distances, and can also be used to daisy-chain multiple displays via a single cable. This eliminates the need for video splitters and other routing devices. The Lfv9 Series, meanwhile, supports daisy chain via DVI with separate video and control (serial or IR) connections. Note: CAT5e or higher STP cable required.



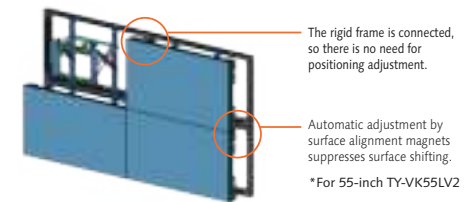
### Installation Frame Simplifies Set-up

VF2H/VF2 Lfv9

The optional Installation Mount makes it much easier to configure a video wall. There's no need for complicated display positioning, and fluctuations between installers are covered. It also saves time and cuts labor costs.

Video wall fluctuations occur when the bezels are not correctly aligned vertically and horizontally and the surfaces are not properly adjusted. Installation is quick and easy using the rigid frame, with easy adjustment using surface alignment magnets. This structure also makes the displays easier to remove when performing maintenance.

\*Landscape setting only.



### Video Wall Manager Software and Auto Display Adjustment Upgrade Kit

VF2H/VF2 Lfv9

Panasonic's free Video Wall Manager software can be used with LCD Video Wall Series displays. With this software, you can calibrate display color using a color sensor<sup>1</sup> (optional), adjust display settings, and control and manage data via PC. If you upgrade this software with an optional TY-VUK10 Auto Camera Adjustment Kit, you can adjust brightness and color among multiple displays automatically using a compatible camera (Nikon D5200/D5300/D5500/D5600/D7500)<sup>2</sup>.

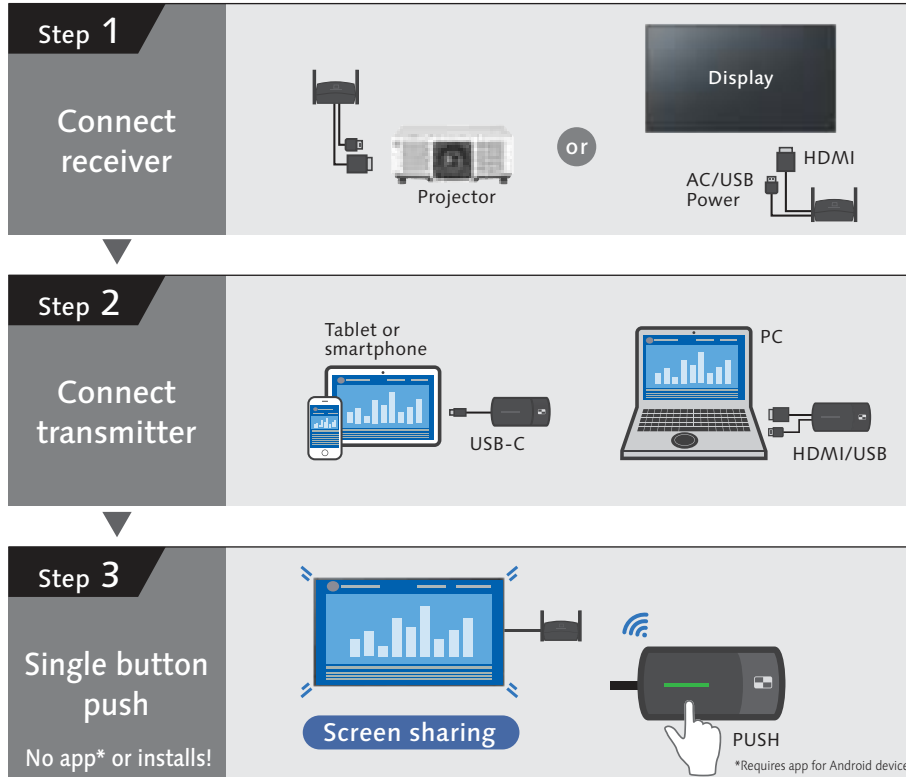
- 1: Applicable sensors: KONICA MINOLTA (CA-210, CA-310, CA-410 [Probe CA-VP427, CA-P410, CA-P427, CA-MP410 verified as of June 30, 2020]), Datacolor (Spyder4, Spyder5, SpyderX) X-Rite (i1Pro2)
- 2: Available only with normal zoom lens: AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR, AF-S DX NIKKOR 18-140 mm f/3.5-5.6G ED VR, AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR II, AF-P DX NIKKOR 18-55 mm f/3.5-5.6G VR

#### With VF2 and TY-VUK10 connected



Auto Display Adjustment Upgrade Kit: <https://panasonic.net/cns/prodisplays/products/ty-vuk10/>

- 1 Easy connections with no app
- 2 Single button push a screen sharing
- 3 Multi-screen sharing up to 4



**Connects to mobile devices**  
Genuine Digital AV adaptor by Apple is required.

**Presents 4 screens in Full HD**  
[supports 4K]

**High-definition video**  
max. resolution: 1920 x 1080 pixels, 60p

**Low latency image**

**Connects up to 32 transmitters at once**

**Lock mode prevents interrupts**

**HDMI-CEC command compatible**

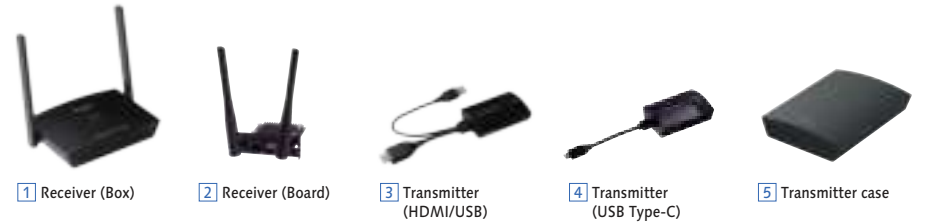
**Supports audio transmission**

**Share screen without transmitter<sup>1</sup>**

**Shared from one transmitter to multiple receivers<sup>1</sup>**

<sup>1</sup> Firmware update is required. For details, please contact your dealer

## Lineup



|                    | Basic Set   |   | Receiver (Box)         | Receiver (Board)     | Transmitter (HDMI)                   |                         | Transmitter (USB Type-C)                   |                               |
|--------------------|---|---|------------------------|----------------------|--------------------------------------|-------------------------|--|-------------------------------|
| Model              | TY-WPS1   | TY-WPSC1  | TY-WPR1                | TY-SB01WP            | TY-WP2B1                             | TY-WPB1                 | TY-WP2BC1                                  | TY-WPBC1                      |
| Applicable product | Flat Panel Display / Projector (Panasonic and others)                   |   | PC/Tablet/ Smartphones | SQ1/SQE2/ EQ2 Series | PC/Tablet/Smartphone                 |                         |  |                               |
| What's included?   | 1 Receiver (Box) x1<br>3 Transmitter (HDMI) x2<br>5 Transmitter case x1 | 1 Receiver (Box) x1<br>4 Transmitter (USB Type-C) x2<br>5 Transmitter case x1 | 1 Receiver (Box) x1    | 2 Receiver x1        | 3 Transmitter (HDMI) x2<br>5 Case x1 | 3 Transmitter (HDMI) x1 | 4 Transmitter (USB Type-C) x2<br>5 Case x1 | 4 Transmitter (USB Type-C) x1 |

## Specifications

| Product   | Receiver (Box)  | Receiver (Board)  | Transmitter (HDMI)   | Transmitter (USB Type-C)                                   |
|---|---|---|--|--|
| Max resolution/ Framerate                             | 1920 x 1080/60p (max), 3840 x 2160/30p (max)  |   | 1920 x 1080/60p (max)  |  |
| Number of simultaneous connections                    | 32  |   | -  |  |
| Number of sources simultaneous on screen              | 4   |   | -  |  |
| Data Rate   | Wired: 10/100/1000 (Mbps)<br>Wireless: Max. 867 Mbps                                    |   | Max. 433 Mbps  |  |
| Frequency band  | 5 GHz band 5,150 MHz - 5,250 MHz 36 40 44 48 Channel                                    |   |  |  |
| Wireless transmission protocol                        | IEEE802.11a/n/ac  |   | IEEE802.11ac   |  |
| Security  | WPA/WPA2/WPA3 (WPA3-Enterprise is not supported)  |   |  |  |
| Reach (Max distance between transmitter and receiver) | Max. 30 m (When the line of sight/wave conditions are good)                             |   |  |  |
| Terminals   | HDMI/USB-A (female) /RJ45(LAN)  |   | HDMI/USB-A (male)/ USB-A (female)                                | USB-C (male)/ USB-A (female)                               |
| Power   | DC 5 V/2 A  | 12 V/0.9 A (Display Power supply)                                 | DC 5 V/0.9 A   |  |
| Power consumption                                     | 10 W  |   | 4.5 W  |  |
| Operating Environment                                 | Temperature: 0 °C to 35 °C (32 °F to 95 °F)<br>Humidity: 20 % to 80 % (No condensation) | 0 °C to 55 °C (32 °F to 131 °F)<br>20 % to 80 % (No condensation) | 0 °C to 35 °C (32 °F to 95 °F)<br>20 % to 80 % (No condensation) |  |
| Dimensions (W x H x D)                                | 120 x 26 x 81 mm / 4.71" x 1.03" x 3.19" (Excluding antenna)                            | 82 x 25 x 122 mm / 3.22" x 0.99" x 4.78" (Excluding antenna)      | 51 x 21 x 73 mm / 2.00" x 0.80" x 2.86" (Excluding cables)       | 51 x 26 x 73 mm / 2.00" x 1.00" x 2.86" (Excluding cables) |
| Weight  | Approx. 181 g / 0.4 lbs   | Approx. 125 g / 0.3 lbs   | Approx. 110 g / 0.3 lbs  | Approx. 110 g / 0.3 lbs                                    |

\*Case: Dimensions (W x H x D): 151.3 x 41.6 x 198.0 mm (6.0" x 1.7" x 7.8"),  
Weight: Approx. 315 g / 0.7 lbs

For more information, please visit the following website.  
<https://panasonic.net/cns/prodisplays/pressit>



### Fully Integrated Wireless Presentation System

No cables, no dongles, no set-top boxes.  
All you have to do is present.



TY-SBPURE  
SDM receiver



**Flexible BYOD for SQE2, SQ1/H and EQ2 Series:**  
Supports Airplay, Miracast, Chromecast



**4K UHD output resolution:**  
up to 4 windows on-screen



**100% data encryption:**  
Stable and secure system based on Linux Operating System



**Touch back function:**  
control your PC directly from the interactive display



**Advanced administration:**  
Can be managed and updated remotely using browser-based administration tools.



**HTML-5 page:** as a screensaver for on-screen display of images, videos or as digital signage player.

### Providing a more realistic meeting with the 360-degree camera speakerphone



360 degree camera speakerphone

TY-CSP1

|            |  |
|------------|--|
| Camera     | Viewing angle: 360-degrees<br>Shooting resolution: 2560 x 1440@30p x 4           |
| Microphone | 7  |
| Speaker    | Output 3 W   |
| Dimensions | Diameter $\phi$ 63.4 mm/2.5" (excluding the pedestal part) x Height 285 mm/11.3" |

#### Optimal Video and Audio Transmission

TY-CSP1 is a hybrid conference terminal that enables 360-degrees horizontal shooting using four cameras and features microphones and speaker that also cover a wide range of 360 degrees. It supports natural communication with people participating in web conferences with its clear sound collection and amplification.

#### Simple Operation

For easy set-up and use, video, audio and power are shared to the PC via a single USB Type-C cable to save labor when preparing for a meeting. Volume and Video views can be controlled using the buttons arranged on the main unit pedestal. Operating status is instantly visible from the colored LED ring on the unit, it is possible to operate it intuitively.

#### Installation and Portability

With a diameter of  $\phi$ 63.4 mm (2.5 inches) that is easy to grip, it is possible to freely carry it around inside the office and easily carry out web conferences. Alternatively, it can be attached to a tripod or set securely fastened with security slots.

#### Equipped with various video modes



Dual View



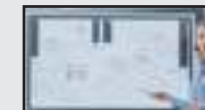
Single View



Multi View



Surround View



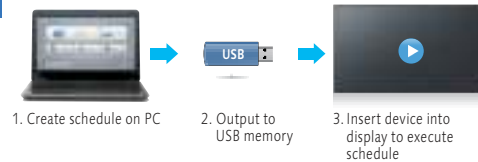
Stable View

# Panasonic Software Line-up

In order to maximize the use of professional displays, Panasonic offers a variety of software and applications (some free of charge, and others for a fee).

## Content Management Software

Content Management Software makes it possible to create scheduling data and media playlist on a PC and save it to one or more USB memory. Insert the media into Space Players to execute the schedule. The software reduces complexity for temporary installations or where the device is frequently moved from place to place.



Compatible Display: SQ1H Series, SQ1 and EQ2 Series  
<https://panasonic.net/cns/prodisplays/download/software/>

## Auto Display Adjustment Upgrade Kit (TY-VUK10)

Panasonic's free Video Wall Manager software can be used with LCD Video Wall Series displays. With this software, you can calibrate display color using a color sensor, adjust display settings, and control and manage data via PC. If software is upgraded with an optional TY-VUK10 Auto Display Adjustment Upgrade Kit, brightness and color among multiple displays can be automatically calibrated using a compatible camera ((Nikon D5200/D5300/D5500/D5600/D7500)\*. USB.



\* Available only with normal zoom lens: AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR, AF-S DX NIKKOR 18-140 mm f/3.5-5.6G ED VR, AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR II, AF-P DX NIKKOR 18-55 mm f/3.5-5.6G VR

For more information, please visit the PASS: <https://panasonic.net/cns/prodisplays/pass/>

## Screen Transfer

Screen Transfer is a software that allows a computer screen to be displayed onto one or more displays of devices that are connected by wired LAN. See the User's Manual for the operating method.



| Version                      | Ver. 2.0  | Ver. 1.0                                       |
|------------------------------|---|--|
| Number of device connections | Max. 64 units   | Max. 8 units                                   |
| Bandwidth                    | Approx. 10 Mbps (regardless of the number of connected devices) | Approx. 80 Mbps (when 8 devices are connected) |
| Auto reconnection            | Yes   | —  |
| Delivery status check        | Yes   | —  |

\* Video distribution can be with existing IP network infrastructure

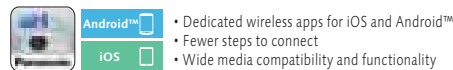
Compatible Display: SQ1H Series, SQ1 and EQ2 Series  
[https://panasonic.net/cns/prodisplays/download/software/scr\\_transfer/](https://panasonic.net/cns/prodisplays/download/software/scr_transfer/)

\* The number of connections and functions may vary depending on the model. Please refer to the web for details.

## Mobile App (iOS/Android)

### Wireless Projector

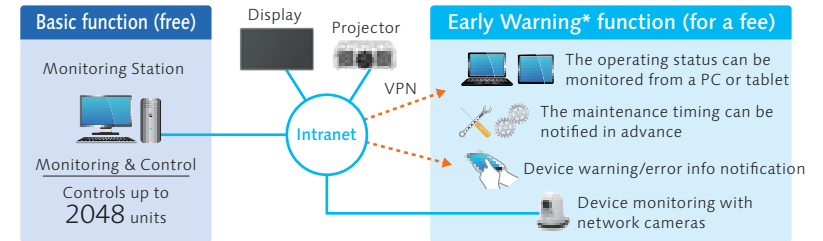
This is an application that lets you send displayed screenshot, document files (PDF, PowerPoint, Excel, Word), and JPEG/PNG images saved to Android devices (tablets and smartphones) to a Panasonic wireless display over a wireless LAN (Wi-Fi), and display them. The application also lets you rotate the screen, enlarge or reduce the screen with a pinch operation, and flip through pages with a flick operation.



For more information, please visit the Website:  
<https://panasonic.net/cns/prodisplays/download/software/#wireless>

## Multi Monitoring & Control Software

This free Panasonic software offers monitoring and control of up to 2,048 projectors and professional displays over a LAN network from a single PC to simplify management and maintenance while supporting stable operation. If you also purchase Early Warning Software (ET-SWA100), it will monitor the status of projectors and displays on the intranet and inform you of errors when it detects signs of trouble. This contributes to a lighter maintenance load and reduces costs.



\* Software function support varies by model.  
 \* Multi Monitoring & Control Software Ver. 2.0 or higher is required to use the Early Warning function.

### Features

#### • Map Display

Image files, such as floor plans, can be loaded, and the icon for each device can be positioned by 'Drag & Drop'.



#### • Auto Search of the Devices to Be Registered

You can select the devices to be registered from devices automatically searched on the network.\*1

#### • Other Features

- Monitoring of the status of each device\*2
- Execution of control commands
- Scheduling function
- Delivery of the contents list\*3

## Early Warning Function (ET-SWA100)

### Maintenance Scheduling Suggestion<sup>3</sup>

It is easier to plan for maintenance by predicting the approximate time for maintenance and service based on the usage monitoring.

### Video Stop Detection Using a Network Camera

Images of registered projectors or displays can be monitored regularly by a supported network camera\*4. You can also receive a notification when an abnormality such as a blackout or an image freeze happens.

If you install 'Multi Monitoring & Control Software,' a free 90-day trial is automatically available.



Captured image when an abnormality happens is stored

\*1: Some devices can't be registered using the auto search function depending on the device status and network environment.  
 \*2: Software functionality varies depending on the model. \*3: Function for supported projectors and professional displays only.  
 \*4: Panasonic Network camera (BB-S/DG-S/WV-S series), Panasonic PTZ camera (AW-UE70/HE40/HE130 series).

For more information about compatible displays, please visit the Website:  
[https://panasonic.net/cns/prodisplays/download/software/multi/dl\\_files/DeviceList-Multi\\_EN.pdf](https://panasonic.net/cns/prodisplays/download/software/multi/dl_files/DeviceList-Multi_EN.pdf)

**Early Warning function License** \* If you install \*Multi Monitoring Control Software\*, a free 90 day trial.  
 For more information, please visit the PASS: <https://panasonic.net/cns/prodisplays/pass>

# SDM Accessories

## Supports the Next-Generation Intel® SDM Specification Slot Standard

The SQ1H/SQ1/SQE2/EQ2 Series is equipped with the new Intel® SDM specification slot standard that supports 4K signals. With this expansion slot, it is possible to tailor the display and its connectivity to the application. You can easily integrate a built-in PC and add various interfaces.



## Wolfvision Cynap Pure -integrated Wireless Presentation System

### No Cable. No Dongle. No Set-Top Box. Just Present.

Panasonic fully integrates Wolfvision's Cynap Pure powerful BYOD wireless presentation solution into its SQ1H/SQ1/SQE2/EQ2 displays using the Intel® Smart Display Module slot. The unified collaboration system is the perfect, integrated solution for meeting rooms, classrooms and huddle spaces with a discrete design, no cabling and no need for additional applications, software and driver downloads or dongles and set-top boxes. Installation inside the screen is straightforward, and units can be managed and updated remotely using browser-based administration tools.



(not final design)  
TY-SBPURE



### Key Features

- Screen Mirroring using Miracast technology. Supports iOS, iPadOS, Android, Windows, Chrome OS, macOS
- 4K output resolution
- Up to 4 window on-screen display
- Touch back support, enables remote control of laptops while working at a shared multi-touch screen.
- Also compatible with the Panasonic interactive touchscreen SQE1-IR/IG and SQ1-IG versions of the display range for easy control by touch and for on-screen annotations

## Panasonic Wireless Presentation System

### Efficient Meeting Room Collaboration

The System allows up to easily switch between up to four presenters to display visual and audio content on their Panasonic displays or projectors – removing the need for cables. Users simply connect the transmitter to any device and press the button to share content on the display or through a projector.

It is also possible to share from mobile devices with an app. Two types of receivers are possible: The SDM receiver is designed to perfectly fit inside the Intel® SDM expansion slot of the Panasonic SQ1H/SQ1/SQE2/EQ2 displays. For Panasonic displays and projectors without an SDM slot for the receiver, a set-top box version of the system can be connected to the device by cable.



Receiver  
TY-SB01WP



Transmitter



### Key Features

- Two versions: basic with the set-top-box or cable-less with the SDM-S board receiver.
- Plug and Play: no dedicated software installation is necessary for the PC
- Audio and FHD Video over Wireless transmission, IEEE802.11ac compliant



## 12G SDI - SDM Board

### Perfect for Broadcasting Environment

Just by plugging the SDI terminal board into its Intel® SDM slot you can directly connect the SQ1, SQ1-IG and EQ2 series displays to a Pro AV source, saving the need for optional equipment like converters that normally bring latency into the production chain. You can transmit uncompressed, unencrypted digital video signals over up to 100m with a single BNC cable, in environments where cabling could be unplugged or tripped over.

This SDM-SDI Terminal Board makes the SQ range of displays perfect for a broadcast environment, with its great colour reproduction and high contrast with HDR and BT.2020 emulation.



### Key Features

- TY-SB01QS- compatible with 3G-SDI, 12G SDI, HD-SDI audio and video formats
- To be plugged inside professional displays with Intel SDM slot
- Maximum Transmission distance 100m with BNC cable



# Optional Accessories

|  |                | High Brightness |           | Standard/Interactive |             |             |             |             |   |          |           |           |           |           |           |           |           |                 |                 |                 |                 |
|--|----------------|-----------------|-----------|----------------------|-------------|-------------|-------------|-------------|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|-----------------|-----------------|
|  |                | TH-86SQ1H       | TH-75SQ1H | TH-98SQ1             | TH-86SQ1/IG | TH-75SQ1/IG | TH-65SQ1/IG | TH-55SQ1/IG |   | TH-49SQ1 | TH-98SQE2 | TH-86SQE2 | TH-75SQE2 | TH-65SQE2 | TH-55SQE2 | TH-50SQE2 | TH-43SQE2 | TH-86SQE1/IG/IR | TH-75SQE1/IG/IR | TH-65SQE1/IG/IR | TH-55SQE1/IG/IR |
| Screen Size (inch)                               |                | 86              | 75        | 98                   | 86          | 75          | 65          | 55          |   | 49       | 98        | 86        | 75        | 65        | 55        | 50        | 43        | 86              | 75              | 65              | 55              |
| <b>FUNCTION BOARD</b>                            |                |                 |           |                      |             |             |             |             |   |          |           |           |           |           |           |           |           |                 |                 |                 |                 |
| 12G-SDI Terminal Board                           | TY-SB01QS      | Yes*1           | Yes*1     | Yes*2                | Yes*2       | Yes*2       | Yes*2       | Yes*2       |   | Yes*2    | Yes       | Yes       | Yes       | Yes       | Yes       | Yes       | Yes*3     | Yes*3           | Yes*3           | Yes*3           | Yes*3           |
| Wireless Presentation System Receiver Board      | TY-SB01WP      | Yes             | Yes       | Yes                  | Yes         | Yes         | Yes         | Yes         |   | Yes      | Yes       | Yes       | Yes       | Yes       | Yes       | Yes       | Yes       | Yes             | Yes             | Yes             | Yes             |
| <b>MOUNTING OPTIONS</b>                          |                |                 |           |                      |             |             |             |             |   |          |           |           |           |           |           |           |           |                 |                 |                 |                 |
| Pedestal   | TY-ST75PE9     | -               | -         | -                    | -           | Yes         | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | TY-ST55PE9     | -               | -         | -                    | -           | -           | Yes         | Yes         |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | TY-ST43PE9     | -               | -         | -                    | -           | -           | -           | -           |   | Yes      | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | TY-ST43PE8     | -               | -         | -                    | -           | -           | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | TY-ST32PE1     | -               | -         | -                    | -           | -           | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
| Wall-hanging Bracket                             | TY-WK98PV1     | Yes             | Yes       | Yes                  | Yes         | Yes         | Yes         | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
| Installation Mount (Landscape setting only)      | TY-VK55LV2     | -               | -         | -                    | -           | -           | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
| Pitch for Wall Hanging (VESA compliant models)*6 | 800 x 500 (M8) | -               | -         | Yes                  | -           | -           | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | 800 x 400 (M8) | -               | -         | -                    | -           | -           | -           | -           |   | -        | Yes       | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | 600 x 500 (M8) | -               | -         | -                    | -           | -           | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | 600 x 400 (M8) | Yes             | Yes       | -                    | Yes         | -           | -           | -           |   | -        | -         | Yes       | Yes       | -         | -         | -         | -         | Yes             | Yes             | -               | -               |
|  | 600 x 400 (M6) | -               | -         | -                    | -           | Yes         | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | 400 x 400 (M8) | -               | -         | -                    | -           | -           | -           | -           |   | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
|  | 400 x 400 (M6) | -               | -         | -                    | -           | -           | Yes         | Yes         |   | Yes      | -         | -         | -         | Yes       | -         | -         | -         | -               | -               | Yes             | -               |
| 400 x 200 (M6)                                   | -              | -               | -         | -                    | -           | -           | -           |             | - | -        | -         | -         | -         | Yes       | -         | -         | -         | -               | -               | Yes             |                 |
| 200 x 200 (M6)                                   | -              | -               | -         | -                    | -           | -           | -           |             | - | -        | -         | -         | -         | -         | Yes       | Yes       | -         | -               | -               | -               |                 |
| 100 x 100 (M4)                                   | -              | -               | -         | -                    | -           | -           | -           |             | - | -        | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               |                 |
| <b>OTHERS</b>                                    |                |                 |           |                      |             |             |             |             |   |          |           |           |           |           |           |           |           |                 |                 |                 |                 |
| DIGITAL LINK Switcher                            | ET-YFB200G     | Yes             | Yes       | Yes                  | Yes         | Yes         | Yes         | Yes         |   | Yes      | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |
| Digital Interface Box                            | ET-YFB100G     | -               | -         | Yes                  | Yes         | Yes         | Yes         | Yes         |   | Yes      | -         | -         | -         | -         | -         | -         | -         | -               | -               | -               | -               |

The specification has a case to change without notice.

1: This terminal board is supported only when the main software version of the display is 1.20 or later and the sub software version of the display is 01.10 or later. Please contact your sales representative with regard to details.

2: This terminal board is supported only when the main software version of the display is 4.50 or later and the sub software version of the display is 04.50 or later. Please contact your sales representative with regard to details.

3: Some functions are not supported.

4: This terminal board is supported only when the main software version of the display is 2.30 or later and the sub software version of the display is 02.20 or later. Please contact your sales representative with regard to details.

5: This terminal board is supported only when the main software version of the display is 3.5000 or later and the sub software version of the display is 03.50 or later. Please contact your sales representative with regard to details.

6: Please use VESA Standard compliant metal fittings when attaching the display on a stand or wall.

For information that is not included on this page, please visit the following website:  
<https://panasonic.net/cns/prodisplays/index.html>

# Optional Accessories

|  |                | Standard/Interactive |                   |                   |                   |                   |                   | Entry/Interactive |           |           |           |           |           |           |              |              |              |              | Video Wall |          |          |
|--|----------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|--------------|--------------|--------------|------------|----------|----------|
|  |                | TH-86EQ2/<br>PCAP    | TH-75EQ2/<br>PCAP | TH-65EQ2/<br>PCAP | TH-55EQ2/<br>PCAP | TH-50EQ2/<br>PCAP | TH-43EQ2/<br>PCAP | TH-98CQE2         | TH-86CQE2 | TH-75CQE2 | TH-65CQE2 | TH-55CQE2 | TH-50CQE2 | TH-43CQE2 | TH-86CQE1/IR | TH-75CQE1/IR | TH-65CQE1/IR | TH-55CQE1/IR | TH-55VF2H  | TH-55VF2 | TH-55LV9 |
| Screen Size (inch)                             |                | 86                   | 75                | 65                | 55                | 50                | 43                | 98                | 86        | 75        | 65        | 55        | 50        | 43        | 86           | 75           | 65           | 55           | 55         | 55       | 55       |
| <b>FUNCTION BOARD</b>                          |                |                      |                   |                   |                   |                   |                   |                   |           |           |           |           |           |           |              |              |              |              |            |          |          |
| 12G-SDI Terminal Board                         | TY-SB01QS      | Yes                  | Yes               | Yes               | Yes               | Yes               | Yes               | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
| Wireless Presentation System Receiver Board    | TY-SB01WP      | Yes                  | Yes               | Yes               | Yes               | Yes               | Yes               | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
| <b>MOUNTING OPTIONS</b>                        |                |                      |                   |                   |                   |                   |                   |                   |           |           |           |           |           |           |              |              |              |              |            |          |          |
| <b>Pedestal</b>                                |                |                      |                   |                   |                   |                   |                   |                   |           |           |           |           |           |           |              |              |              |              |            |          |          |
|  | TY-ST75PE9     | -                    | Yes               | Yes               | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
|  | TY-ST55PE9     | -                    | -                 | -                 | Yes               | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
|  | TY-ST43PE9     | -                    | -                 | -                 | -                 | Yes               | Yes               | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
|  | TY-ST43PE8     | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
|  | TY-ST32PE1     | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
| Wall-hanging Bracket                           | TY-WK98PV1     | Yes                  | Yes               | Yes               | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
| Installation Mount (Landscape setting only)    | TY-VK55LV2     | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | Yes        | Yes      | Yes      |
| Pitch for Wall Hanging                         | 800 x 500 (M8) | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
| Pitch for Wall Hanging (VESA compliant models) | 800 x 400 (M8) | -                    | -                 | -                 | -                 | -                 | -                 | -                 | Yes       | -         | -         | -         | -         | -         | Yes          | -            | -            | -            | -          | -        | -        |
|  | 600 x 500 (M8) | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
|  | 600 x 400 (M8) | Yes                  | Yes               | -                 | -                 | -                 | -                 | -                 | -         | Yes       | Yes       | -         | -         | -         | -            | Yes          | Yes          | -            | -          | -        | -        |
|  | 600 x 400 (M6) | -                    | -                 | Yes               | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
|  | 400 x 400 (M8) | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
|  | 400 x 400 (M6) | -                    | -                 | -                 | Yes               | Yes               | -                 | -                 | -         | -         | -         | Yes       | -         | -         | -            | -            | -            | Yes          | Yes        | Yes      | Yes      |
|  | 400 x 200 (M6) | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | Yes       | -         | -            | -            | -            | -            | -          | -        | -        |
|  | 200 x 200 (M6) | -                    | -                 | -                 | -                 | -                 | Yes               | -                 | -         | -         | -         | -         | -         | Yes       | -            | -            | -            | -            | -          | -        | -        |
|  | 100 x 100 (M4) | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | -          | -        | -        |
| <b>OTHERS</b>                                  |                |                      |                   |                   |                   |                   |                   |                   |           |           |           |           |           |           |              |              |              |              |            |          |          |
| DIGITAL LINK Switcher                          | ET-YFB200G     | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | Yes        | Yes      | Yes      |
| Digital Interface Box                          | ET-YFB100G     | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -         | -         | -         | -         | -         | -         | -            | -            | -            | -            | Yes        | Yes      | Yes      |

The specification has a case to change without notice.  
 \*1: The availability varies depending on the country.

For information that is not included on this page, please visit the following website:  
<https://panasonic.net/cns/prodisplays/index.html>

# Features

|   |  | High Brightness        |           |          |             |                        |             | Standard/Interactive |         |                        |           |           |           |                        |           |           |           |                 |                          |                          |                          |                          |
|---|--|------------------------|-----------|----------|-------------|------------------------|-------------|----------------------|---------|------------------------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|
|   |  | TH-86SQ1H              | TH-75SQ1H | TH-98SQ1 | TH-86SQ1/IG | TH-75SQ1/IG            | TH-65SQ1/IG | TH-55SQ1/IG          |         | TH-49SQ1               | TH-98SQE2 | TH-86SQE2 | TH-75SQE2 | TH-65SQE2              | TH-55SQE2 | TH-50SQE2 | TH-43SQE2 | TH-86SQE1/IG/IR | TH-75SQE1/IG/IR          | TH-65SQE1/IG/IR          | TH-55SQE1/IG/IR          |                          |
| Size (inch)                                     |  | 86                     | 75        | 98       | 86          | 75                     | 65          | 55                   |         | 49                     | 98        | 86        | 75        | 65                     | 55        | 50        | 43        | 86              | 75                       | 65                       | 55                       |                          |
| DIGITAL LINK<br>FUNCTION SLOT                   | DIGITAL LINK   | Yes*1                  | Yes*1     | Yes*1    | Yes*1       | Yes*1                  | Yes*1       | Yes*1                |         | Yes*1                  | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Function Slot  | Intel <sup>®</sup> SDM |           |          |             | Intel <sup>®</sup> SDM |             |                      |         | Intel <sup>®</sup> SDM |           |           |           | Intel <sup>®</sup> SDM |           |           |           |                 | Intel <sup>®</sup> SDM   |                          |                          |                          |
|   | Operating Time   | 24                     | 24        | 24       | 24          | 24                     | 24          | 24                   |         | 24                     | 24        | 24        | 24        | 24                     | 24        | 24        | 24        | 24              | 24                       | 24                       | 24                       |                          |
|   | Protective Glass   | -                      | -         | -        | Only SQ1-IG | -                      | -           | -                    |         | -                      | -         | -         | -         | -                      | -         | -         | -         | -               | Only SQE1-HG and SQE1-IR | Only SQE1-HG and SQE1-IR | Only SQE1-HG and SQE1-IR | Only SQE1-HG and SQE1-IR |
|   | Touch Operation  | -                      | -         | -        | Only SQ1-IG | Only SQ1-IG            | Only SQ1-IG | Only SQ1-IG          |         | -                      | -         | -         | -         | -                      | -         | -         | -         | -               | Only SQE1-HG and SQE1-IR | Only SQE1-HG and SQE1-IR | Only SQE1-HG and SQE1-IR | Only SQE1-HG and SQE1-IR |
|   | Wireless Function  | -                      | -         | -        | -           | -                      | -           | -                    |         | -                      | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      | Yes                      |
| IMAGE QUALITY                                   | Color Management   | 12-axis                |           |          | 12-axis     |                        |             |                      |         | 12-axis                |           |           |           |                        |           |           |           |                 |                          |                          |                          |                          |
|   | Color Enhancement  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Dynamic Backlight  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | -               | -                        | -                        | -                        |                          |
|   | Dynamic Contrast   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Frame Creation   | Yes                    | -         | Yes      | Yes         | Yes                    | -           | -                    |         | -                      | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Gradation Smoother   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Local Dimming  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Refine Enhancer  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
| RELIABILITY                                     | Failover/Failback  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Input Search (No Signal Auto Switch Setting/Input Signal Search) | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
| EXPANDABILITY                                   | Audio Input Select (Switching)                                   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Cisco Webex Certified  | -                      | -         | -        | -           | -                      | -           | -                    |         | -                      | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | LAN Control (Network Control)                                    | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Memory Viewer/Auto Play  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes*6     | Yes*6     | Yes*6     | Yes*6                  | Yes*6     | Yes*6     | Yes*6     | Yes*6           | Yes*6                    | Yes*6                    | Yes*6                    |                          |
|   | PJLink™ Protocol   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Power Management Mode/Eco Mode                                   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Remote ID Control (Function)                                     | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Serial ID Control (Function)                                     | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | USB Media Player   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Web Browser Control  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
| CONVENIENCE                                     | Auto Setup   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Built-in Whiteboard  | -                      | -         | -        | -           | -                      | -           | -                    |         | -                      | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Conference Audio Mode  | Yes                    | Yes       | Yes*8    | Yes*8       | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Data Cloning   | USB/LAN                |           | USB/LAN  |             |                        |             |                      | USB/LAN | USB                    |           |           |           |                        |           |           | USB       |                 |                          |                          |                          |                          |
|   | HDMI CEC   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Multi Input Display*9  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | No Activity Power Off  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Off Timer Setting  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Power on Screen Delay  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Set up Timer   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
| Startup Image Settings/No signal image settings | Yes  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         |                      | Yes     | -                      | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        |                          |                          |
| INSTALLATION                                    | Daisy Chain Connection*10  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Fan-less Design  | -                      | -         | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Multi Screen (Multi Display Setting)*11                          | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Portrait   | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Portrait Zoom Mode   | Yes                    | Yes       | Yes*8    | Yes*8       | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | USB Memory Network Setting                                       | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
| SOFTWARE  | Content Management Software (free)                               | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Screen Transfer (free)   | Yes*12                 | Yes*12    | Yes*13   | Yes*13      | Yes*13                 | Yes*13      | Yes*13               |         | Yes*13                 | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Multi Monitoring & Control Software Compatible (free)            | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Early Warning Software Compatible (ET-SWA100 Series)*16          | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | Yes       | Yes       | Yes       | Yes                    | Yes       | Yes       | Yes       | Yes             | Yes                      | Yes                      | Yes                      |                          |
|   | Video Wall Manager (free)  | Yes                    | Yes       | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |
|   | Auto Display Adjustment Upgrade Kit (TY-VUK10)                   | -                      | -         | Yes      | Yes         | Yes                    | Yes         | Yes                  |         | Yes                    | -         | -         | -         | -                      | -         | -         | -         | -               | -                        | -                        | -                        |                          |

\*1: Long Reach Mode compatible. \*2: Multi Dynamic Backlight. \*3: Local Dimming on LVF9 Series is always set. \*4: Backup input only \*5: This function is compatible with the Software Main Version 2.2000 or later. Please contact your sales representative with regard to details. \*6: The playable application format, GUI, and operation procedure for the SQE1, CQE1 Series' Media Player function areas different from other models. \*7: Some files cannot be played back even if they are in the supported format. Regarding restrictions, see the operating instructions. \*8: These functions on the 98/86-inch models are compatible with the Software Main Version 3.0000 or later. Please contact your sales representative with regard to details. \*9: The number of units that can be set as a group varies depending on the model. For details, see the

operating instructions of each model. \*10: Some models only support IR connection. \*11: There are restrictions on the input signal and 4-Input Multi Display function. 3G-SDI input and 4K images are not supported by the 4-Input Multi Display function. For details, see the operating instructions of each model. \*12: The Software Main Version 1.10 or later is required. \*13: The Software Main Version 4.40 or later is required. \*14: The Software Main Version 2.70 or later is required. \*15: The Software Main Version 2.70 or later is required. \*16: The part number suffix may differ on the license type. Multi Monitoring & Control Software Ver.2.0 or later is required. Note: The specifications may vary depending on the model, even for the same function. For details, see the operating instructions of each model.



# Features

|  |  | Standard/Interactive |          |            |          |          |          | Standard/Interactive |               |               |               |               |               |
|--|--|----------------------|----------|------------|----------|----------|----------|----------------------|---------------|---------------|---------------|---------------|---------------|
|  |  | TH-86EQ2             | TH-75EQ2 | TH-65EQ2   | TH-55EQ2 | TH-50EQ2 | TH-43EQ2 | TH-86EQ2-PCAP        | TH-75EQ2-PCAP | TH-65EQ2-PCAP | TH-55EQ2-PCAP | TH-50EQ2-PCAP | TH-43EQ2-PCAP |
| Size (inch)                                    |  | 86                   | 75       | 65         | 55       | 50       | 43       | 86                   | 75            | 65            | 55            | 50            | 43            |
| SPECIFICATIONS                                 | DIGITAL LINK Function Slot                                       | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             | -             |
|  | Operating Time   | 18                   | 18       | Intel® SDM |          | 18       | 18       | 18                   | 18            | 18            | 18            | 18            | 18            |
|  | Protective Glass   | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             | -             |
|  | Touch Operation  | -                    | -        | -          | -        | -        | -        | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Wireless Function  | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             | -             |
|  | Color Management   | 6-axis               |          |            |          |          |          | 12-axis              |               |               |               |               |               |
| IMAGE QUALITY                                  | Color Enhancement  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Dynamic Backlight  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Dynamic Contrast   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Frame Creation   | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             | -             |
|  | Gradation Smoother   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Local Dimming  | Yes                  | Yes      | -          | -        | -        | -        | Yes                  | Yes           | -             | -             | -             | -             |
|  | Refine Enhancer  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Failover/Failback  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
| EXPANDABILITY                                  | Input Search (No Signal Auto Switch Setting/Input Signal Search) | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Audio Input Select (Switching)                                   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Cisco Webex Certified  | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             | -             |
|  | LAN Control (Network Control)                                    | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Memory Viewer/Auto Play  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | PJLink™ Protocol   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Power Management Mode/Eco Mode                                   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Remote ID Control (Function)                                     | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Serial ID Control (Function)                                     | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | USB Media Player   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
| CONVENIENCE                                    | Web Browser Control  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Auto Setup   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Built-in Whiteboard  | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             | -             |
|  | Conference Audio Mode  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Data Cloning   | USB/LAN              |          |            |          |          |          | USB/LAN              |               |               |               |               |               |
|  | HDMI CEC   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Multi Input Display*9  | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             | -             |
|  | No Activity Power Off  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Off Timer Setting  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Power on Screen Delay  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
| INSTALLATION                                   | Set up Timer   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Startup Image Settings/No signal image settings                  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Daisy Chain Connection*10  | Yes IR only          |          |            |          |          |          | Yes IR only          |               |               |               |               |               |
|  | Fan-less Design  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Multi Screen (Multi Display Setting)*11                          | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Portrait   | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Portrait Zoom Mode   | Yes*5                | Yes*5    | Yes*5      | Yes*5    | Yes*5    | Yes*5    | Yes*5                | Yes*5         | Yes*5         | Yes*5         | Yes*5         | Yes*5         |
| SOFTWARE                                       | USB Memory Network Setting                                       | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Content Management Software (free)                               | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Screen Transfer (free)   | Yes*14               | Yes*14   | Yes*14     | Yes*14   | Yes*14   | Yes*14   | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Multi Monitoring & Control Software Compatible (free)            | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
|  | Early Warning Software Compatible (ET-SWA100 Series)*16          | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           | Yes           |
| Video Wall Manager (free)                      | Yes  | Yes                  | Yes      | Yes        | Yes      | Yes      | Yes      | Yes                  | Yes           | Yes           | Yes           | Yes           |               |
| Auto Display Adjustment Upgrade Kit (TY-VUK10) | -  | -                    | -        | -          | -        | -        | -        | -                    | -             | -             | -             | -             |               |

\*1: Long Reach Mode compatible.  
 \*2: Multi Dynamic Backlight.  
 \*3: Local Dimming on LFV9 Series is always set.  
 \*4: Backup input only  
 \*5: This function is compatible with the Software Main Version 2.2000 or later. Please contact your sales representative with regard to details.  
 \*6: The playable application format, GUI, and operation procedure for the SQE1, CQE1 Series' Media Player function areas different from other models.  
 \*7: Some files cannot be played back even if they are in the supported format. Regarding restrictions, see the operating instructions.  
 \*8: These functions on the 98/86-inch models are compatible with the Software Main Version 3.0000 or later. Please contact your sales representative with regard to details.  
 \*9: The number of units that can be set as a group varies depending on the model. For details, see the operating instructions of each model.  
 \*10: Some models only support IR connection.  
 \*11: There are restrictions on the input signal and 4-Input Multi Display function. 3G-SDI input and 4K images are not supported by the 4-Input Multi Display function. For details, see the operating instructions of each model.  
 \*12: The Software Main Version 1.10 or later is required.  
 \*13: The Software Main Version 4.40 or later is required.  
 \*14: The Software Main Version 2.70 or later is required.  
 \*15: The Software Main Version 2.70 or later is required.  
 \*16: The part number suffix may differ on the license type. Multi Monitoring & Control Software Ver.2.0 or later is required.

Note: The specifications may vary depending on the model, even for the same function. For details, see the operating instructions of each model.

# Features

|   | Entry/Interactive  |           |           |           |           |           | Entry/Interactive |              |              |              |              | Video Wall |          |           |   |
|---|--|-----------|-----------|-----------|-----------|-----------|-------------------|--------------|--------------|--------------|--------------|------------|----------|-----------|---|
|   | TH-98CQE2  | TH-86CQE2 | TH-75CQE2 | TH-65CQE2 | TH-55CQE2 | TH-50CQE2 | TH-43CQE2         | TH-86CQE1/IR | TH-75CQE1/IR | TH-65CQE1/IR | TH-55CQE1/IR | TH-55VF2H  | TH-55VF2 | TH-55LFV9 |   |
| Size (inch)                                     | 98   | 86        | 75        | 65        | 55        | 50        | 43                | 86           | 75           | 65           | 55           | 55         | 55       | 55        |   |
| SPECIFICATIONS                                  | DIGITAL LINK Function Slot                                       | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | -         |   |
|   | Operating Time   | 24        | 16        | 16        | 16        | 16        | 16                | 16           | 16           | 16           | 16           | 24         | 24       | 24        |   |
|   | Protective Glass   | -         | -         | -         | -         | -         | -                 | Only CQE1-IR | Only CQE1-IR | Only CQE1-IR | Only CQE1-IR | -          | -        | -         |   |
|   | Touch Operation  | -         | -         | -         | -         | -         | -                 | Only CQE1-IR | Only CQE1-IR | Only CQE1-IR | Only CQE1-IR | -          | -        | -         |   |
|   | Wireless Function  | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | -          | -        | -         |   |
|   | Color Management   | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
| IMAGE QUALITY                                   | Color Enhancement  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | Yes       |   |
|   | Dynamic Backlight  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes*2      | Yes*2    | -         |   |
|   | Dynamic Contrast   | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
|   | Frame Creation   | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | Gradation Smoother   | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | Local Dimming  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | Yes*3     |   |
| RELIABILITY                                     | Failover/Failback  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | -         |   |
|   | Input Search (No Signal Auto Switch Setting/Input Signal Search) | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
| EXPANDABILITY                                   | Audio Input Select (Switching)                                   | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | -         |   |
|   | Cisco Webex Certified  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | LAN Control (Network Control)                                    | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
|   | Memory Viewer/Auto Play  | Yes*6     | Yes*6     | Yes*6     | Yes*6     | Yes*6     | Yes*6             | Yes*6        | Yes*6        | Yes*6        | Yes*6        | -          | -        | -         |   |
|   | PJLink™ Protocol   | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
|   | Power Management Mode/Eco Mode                                   | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
|   | Remote ID Control (Function)                                     | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | -         |   |
|   | Serial ID Control (Function)                                     | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
| CONVENIENCE                                     | USB Media Player   | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | -         |   |
|   | Web Browser Control  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | Yes       |   |
|   | Auto Setup   | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | -         |   |
|   | Built-in Whiteboard  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | Conference Audio Mode  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | Data Cloning   | USB       |           |           |           |           |                   | USB          | USB          |              |              |            | USB/LAN  | USB/LAN   | - |
|   | HDMI CEC   | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | -          | -        | -         |   |
|   | Multi Input Display*9  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
| No Activity Power Off                           | Yes  | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | -        |           |   |
| Off Timer Setting                               | Yes  | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      |           |   |
| Power on Screen Delay                           | Yes  | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      |           |   |
| Set up Timer                                    | Yes  | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | -        |           |   |
| Startup Image Settings/No signal image settings | -  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | Yes          | Yes        | -        |           |   |
| INSTALLATION                                    | Daisy Chain Connection*10  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | Yes       |   |
|   | Fan-less Design  | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | -         |   |
|   | Multi Screen (Multi Display Setting)*11                          | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
|   | Portrait   | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | Yes       |   |
|   | Portrait Zoom Mode   | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | USB Memory Network Setting                                       | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | -         |   |
| SOFTWARE  | Content Management Software (free)                               | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | Screen Transfer (free)   | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | -          | -        | -         |   |
|   | Multi Monitoring & Control Software Compatible (free)            | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
|   | Early Warning Software Compatible (ET-SWA100 Series)*16          | Yes       | Yes       | Yes       | Yes       | Yes       | Yes               | Yes          | Yes          | Yes          | Yes          | Yes        | Yes      | Yes       |   |
|   | Video Wall Manager (free)  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | -            | Yes        | Yes      | Yes       |   |
| Auto Display Adjustment Upgrade Kit (TY-VUK10)  | -  | -         | -         | -         | -         | -         | -                 | -            | -            | -            | Yes          | Yes        | Yes      |           |   |

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 \*4: Backup input only  
 \*5: This function is compatible with the Software Main Version 2.2000 or later. Please contact your sales representative with regard to details.  
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# Panasonic CONNECT

Weights and dimensions shown are approximate. Depending on the temperature or humidity conditions, uneven brightness may be observed. This is not a malfunction. This unevenness will disappear while applying current continuously. If not, consult the distributor. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. Windows, and PowerPoint are trademarks of Microsoft Corporation in the United States and other countries. Android is a registered trademark or trademark of Google Inc. Macintosh, Mac, Mac OS X, iPad, iPhone, iPod touch and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. Intel® is registered trademark or trademark of Intel Corporation, registered in the U.S. and other countries and regions or registered trademarks. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. Crestron Connected™ is a trademark of Crestron Electronics, Inc. Miracast are trademarks or registered trademarks of Wi-Fi Alliance. HDBaseT is a trademark of the HDBaseT Alliance. Cisco WebEx is a trademark or registered trademark of Cisco Systems, Inc. and/or its affiliated entities in the United States and other countries. All other trademarks are the property of their respective trademark owners. Images on screen are simulated. ©Panasonic Connect Co., Ltd. 2022. All rights reserved.



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*Note: Following the shift of the Panasonic Group to a holding company system, the Connected Solutions Company of the Panasonic Corporation has changed to Panasonic Connect Co., Ltd. as of April 1, 2022*

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