



### Product specification (design and specification subject to change without notice)

#### ■DISPLAY PANEL

|                                       |  |
|---------------------------------------|--|
| Screen Size (Diagonal)                | 55-inch (1387.8 mm / 54.7inch)         |
| Panel type / Backlight                | IPS / Edge LED                         |
| Aspect ratio                          | 16:9                                   |
| Effective Display Area (W x H)        | 47.62" / 26.78" (1209.6 mm / 680.4 mm) |
| Resolution (H x V)                    | 3840 x 2160                            |
| Brightness (typ)                      | 500 cd/m <sup>2</sup>                  |
| Contrast Ratio (typ)                  | 1100:1                                 |
| Dynamic Contrast Ratio                | 50000:1                                |
| Max. Display Colors                   | Approx. 1.07 Billion                   |
| Response Time (typ)                   | 8.0 ms (G to G)                        |
| Viewing Angle (Horizontal / Vertical) | 178° / 178° (CR <sub>≥10</sub> )       |
| Panel Life Time*1 (typ)               | Approx. 50000 hours                    |
| Panel Surface Treatment               | Anti glare type (Haze 28%)             |

\*1 When the panel lifetime is at 50% of the brightness under the condition of 25 degrees Celsius (+/- 2 degrees Celsius).

#### ■CONNECTION TERMINAL

|                     |  |   |
|---------------------|--|---|
| HDMI IN             | HDMI Type A Connector x 2<br>(Compatible with HDCP 2.2)  | AUDIO: Linear PCM (Sampling frequency : 48 kHz/44.1 kHz/32 kHz)   |
| Display Port Input  | Display Port x 1<br>(Compatible with HDCP 2.2)   | AUDIO: Linear PCM (Sampling frequency : 48 kHz/44.1 kHz/32 kHz)   |
| Display Port Output | Display Port x 1 (Compatible with HDCP 1.4)*   |   |
| DVI-D IN            | DVI-D 24-pin x 1   | Compliance with DVI Revision 1.0 Compatible with HDCP 1.1   |
| PC IN               | Mini D-Sub 15-pin (DDC2B) x 1  | Y/G : with sync 1.0 V [p-p] (75 Ω)<br>: without sync 0.7 V [p-p] (75 Ω)<br>P <sub>B</sub> /C <sub>B</sub> /B : without sync 0.7 V [p-p] (75 Ω)<br>P <sub>R</sub> /C <sub>R</sub> /R : without sync 0.7 V [p-p] (75 Ω)<br>HD/VD : HD/VD TTL (high impedance) |
| SERIAL IN           | D-sub 9-pin x 1, RS-232C Compatible  |   |
| IR IN / IR OUT      | Stereo Mini Jack (M3) x 1 / x 1  |   |
| AUDIO IN            | Stereo Mini Jack (M3) x 2  | 0.5 V [rms]   |
| AUDIO OUT           | Stereo Mini Jack (M3) x 1  | 0.5 V [rms]   |
| LAN                 | RJ45 x 1 compatible with PLink™<br>RJ45 10BASE-T/100BASE-TX  |   |
| DIGITAL LINK / LAN  | RJ45 x 1 compatible with PLink™ 100BASE-TX, compatible with Long reach mode (HDCP 2.2)                 |   |
| USB                 | USB Connector (Type A) x 2, DC 5 V/2A, DC 5 V/1A (USB 3.0 is supported)                                |   |
| SLOT                | Intel® SDM specification<br>Corresponding size SDM-S / SDM-L, Supply power 3.3 V / 1.1 A, 12 V / 5.5 A |   |

\*Input : HDCP 2.2 Output : NG, Input : HDCP 1.4 Output : HDCP 1.4, Input : No HDCP Output : No HDCP

#### ■AUDIO

|                      |                           |
|----------------------|---------------------------|
| Built in Speaker     | 20 W [10 W + 10 W]        |
| External Speaker Out | 30 W [15 W + 15 W] 10%THD |

#### ■ELECTRICAL

|                                    |   |
|------------------------------------|---|
| Power Requirements                 | AC 110 - 127 Hz / 60 Hz 220 - 240 V 50 Hz / 60 Hz |
| Power Consumption                  | 300 W   |
| On Mode Average Power Consumption* | 162 W   |
| Power Off Condition                | Approx. 0.3 W                                     |
| Stand-by Condition                 | Approx. 0.5 W                                     |
| Apparent power                     | 311 W   |

\*Based on IEC 62087 Ed.2 measurement method

#### ■MECHANICAL

|   |  |
|---|--|
| Dimension (W x H x D) including handles | 1240 mm x 714 mm x 74 mm (W 48.82" x H 28.09" x D 2.88")                           |
| not including handles                   | 1240 mm x 714 mm x 66 mm (W 48.82" x H 28.09" x D 2.58")                           |
| Weight                                  | 25.5 kg / 56.3 lbs   |
| Bezel Color                             | Black  |
| Bezel Width                             | T: 12.2 mm, B: 15.8 mm, L/R: 12.7 mm (T: 0.48", B: 0.62", L/R: 0.50")              |
| Carton Dimensions (W x H x D)           | 1404 mm x 879 mm x 203 mm (W 55.3" x H 34.6" x D 8.0")                             |
| Gross Weight                            | 34 kg / 75.0 lbs   |
| Cabinet Color / Material                | Front, Back : Metal Side : Plastic   |
| Pitch for Wall-Hanging                  | VESA Compliant W 400 x H 400 mm (Installed by: M6 screws / Screw hole depth 11 mm) |

#### ■INSTALLATION

|               |   |
|---------------|---|
| Orientation   | Landscape / Portrait  |
| Tilting Angle | Landscape : 0 - 45 degrees forward / backward<br>Portrait : 0 - 45 degrees forward / backward |

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

\*When installing the Display vertically, be sure that the Power Indicator comes to the upper side

#### ■ENVIRONMENTAL

|                       |             |  |
|-----------------------|-------------|--|
| 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 |
|                       | Humidity    | : 20% to 80% (No condensation)                                 |
|                       | Altitude    | : 0 to 2800 m (0 to 9186 ft)                                   |
| Storage Environment   | Temperature | : -20°C to 60°C (-4°F to 140°F)                                |
|                       | Humidity    | : 20% to 80% (No condensation)                                 |

\*1 : for up to 1400 m (4593 ft) altitude \*2 : for between 1400 m (4593 ft) and 2800 m (9186 ft) altitude

• 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.

**MAIN FEATURE**

|  |                                     |
|--|-------------------------------------|
| USB Media Player   | Yes (4K is supported)               |
| Failover/Fallback  | Yes                                 |
| Data Cloning   | Yes                                 |
| Digital Zoom   | Yes                                 |
| Multi display settings                                     | Yes                                 |
| Power on Screen Delay                                      | Yes                                 |
| Auto setting   | Yes                                 |
| Screen Saver   | Yes                                 |
| Power Management   | Yes (HDMI/DP/DVI-D/PC/DIGITAL LINK) |
| Power save   | Yes                                 |
| Button Lock  | Yes                                 |
| Controller user level                                      | Yes                                 |
| Input search   | Yes                                 |
| 6,12-segment colour management                             | Yes                                 |
| Dynamic contrast   | Yes                                 |
| Color enhancement  | Yes                                 |
| Refine enhancer  | Yes                                 |
| Gradation smoother   | Yes                                 |
| Dynamic backlight control                                  | Yes                                 |
| Set up timer   | Yes                                 |
| Content management Software compatible                     | Yes                                 |
| Image settings   | Yes                                 |
| HDMI CEC Compatible  | Yes                                 |
| Memory Viewer  | Yes                                 |
| Operating Time*1   | 24h / day                           |
| AMX D.D.   | Yes                                 |
| Crestron Connected™  | Yes                                 |
| Extron XTP   | Yes                                 |
| WEB Browser control  | Yes                                 |
| PJLink™  | Yes                                 |
| Screen Transfer compatible                                 | Yes                                 |
| Multi Monitoring & Control Software compatible             | Yes                                 |
| Video Wall Manager compatible                              | Yes                                 |
| Content management Software compatible                     | Yes                                 |
| Auto vertical and horizontal determination (Accelerometer) | Yes                                 |

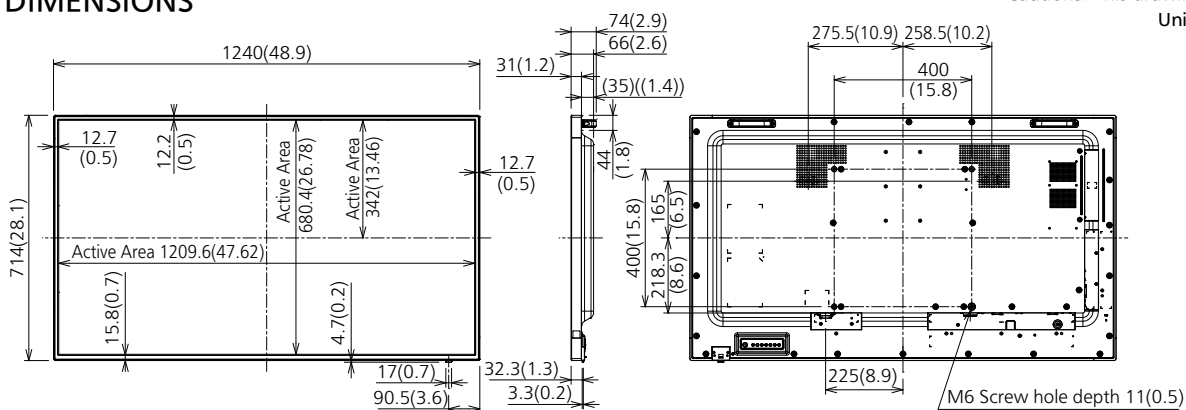
\*In case of running for a long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

**REMOTE CONTROL TRANSMITTER**

|                        |   |
|------------------------|---|
| Power Requirements     | DC 3 V (2 x AAA Size batteries)           |
| Operating distance     | Approx. 7 m (23 ft)*                      |
| Weight                 | Approx. 63 g (2.2 oz) including batteries |
| Dimensions (W x H x D) | 48 x 134 x 20 mm (1.9" x 5.3" x 0.8")     |

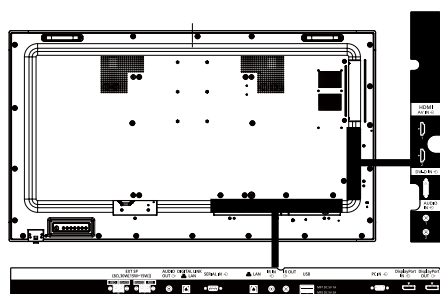
\*When operated directly in front of receptor.

**DIMENSIONS**



Cautions: This drawing is not a scale  
Units : mm (inches)

**CONNECTION TERMINAL**



**STANDARD (CERTIFICATIONS)**

|                       |   |
|-----------------------|---|
| SAFETY REGULATIONS    | UL<br>ANSI / UL 62368-1: 2014 , 2nd Edition<br>UL60950-1, 2nd Edition, 2014-10-14<br>CAN / CSA-C22.2 No. 62368-1-14, 2nd Edition<br>Mexico: NOM |
|                       | CB)<br>IEC 62368-1: 2014 (Second Edition)<br>IEC 60950-1: 2005 (Second Edition) +<br>Am 1: 2009 + Am 2: 2013 BEAB)                              |
|                       | BEAB)<br>EU Deviation<br>(EN62368-1:2014) (Second Edition)<br>(EN60950-1:2006 + A11:2009 + A1:2010 +<br>A12:2011+A2:2013) BEAB approval         |
| RADIATION REGULATIONS | RCM)<br>AS/NZS Deviation<br>(AS/NZS 62368-1:2018 , Second Edition)  |
|                       | FCC)<br>FCC CFR 47, Part 15, Subpart B 2015 Class A<br>ANSI C63.4-2014<br>ICES-003 Issue6: 2016   |
|                       | CE)<br>EN55032: 2012<br>EN55024: 2010, EN55035<br>EN61000-3-2: 2014<br>EN61000-3-3: 2013  |
|                       | RCM)<br>AS / NZS CISPR32:2013<br>RCM Mark   |

**INCLUDED ACCESSORIES**

- Remote Control
- Batteries (AAA size) x 2
- Clamper x 3
- USB memory cover x 1
- SLOT adapter x 1
- AC cord (approx. 2.0 m (79"))
- CD-ROM / User Manual
- Operating Instruction Book

**OPTIONAL ACCESSORIES**

|  |                        |
|--|------------------------|
| Pedestal Stand                           | TY-ST55PE9             |
| Early Warning Software                   | ET-SWA 100 / 105series |
| Video wall manager                       | TY-VUK10               |
| Automatic Display Adjustment Upgrade Kit |                        |

\* Specifications and appearance are subject to change without notice.

**List of correspondence signals**

The picture signal which can indicate this machine is as it is the following table.

- Specific HDMI signals inside the plug and play compatible signal table are as it follows.  
 1 : 4K/60p (HDR), 2 : 4K/60p (SDR), 3 : 4K/30p, 4 : 2K

| Correspondence signal | Resolution (dot)               | Scan rate        |               | Dot clock rate (MHz) | Format <sup>2</sup>    | Plug and play compatible signal <sup>15</sup> |   |   |   |    |    |          |
|-----------------------|--------------------------------|------------------|---------------|----------------------|------------------------|---|---|---|---|----|----|----------|
|                       |                                | Horizontal (kHz) | Vertical (Hz) |                      |                        | HDMI  |   |   |   | DL | DP | DVI-D/PC |
|                       |                                |                  |               |                      |                        | 1   | 2 | 3 | 4 |    |    |          |
| 480/60i               | 720 x 480i                     | 15.73            | 59.94         | 13.50                | Y                      | -   | - | - | - | -  | -  | -        |
| 480/60i               | 720 (1440) x 480i <sup>1</sup> | 15.73            | 59.94         | 27.00                | D/H/DL                 | ○   | ○ | ○ | ○ | ○  | -  | -        |
| 576/50i               | 720 (1440) x 576i <sup>1</sup> | 15.63            | 50.00         | 27.00                | D/H/DL                 | ○   | ○ | ○ | ○ | ○  | -  | -        |
| 480/60p               | 720 x 483                      | 31.47            | 59.94         | 27.00                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 576/50p               | 720 x 576                      | 31.25            | 50.00         | 27.00                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 720/60p               | 1280 x 720                     | 45.00            | 60.00         | 74.25                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 720/50p               | 1280 x 720                     | 37.50            | 50.00         | 74.25                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 1080/60i              | 1920 x 1080i                   | 33.75            | 60.00         | 74.25                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 1080/50i              | 1920 x 1080i                   | 28.13            | 50.00         | 74.25                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 1080/24p              | 1920 x 1080                    | 27.00            | 24.00         | 74.25                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 1080/24PsF            | 1920 x 1080i                   | 27.00            | 48.00         | 74.25                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1080/25p              | 1920 x 1080                    | 28.13            | 25.00         | 74.25                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 1080/30p              | 1920 x 1080                    | 33.75            | 30.00         | 74.25                | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 1080/60p              | 1920 x 1080                    | 67.50            | 60.00         | 148.50               | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 1080/50p              | 1920 x 1080                    | 56.25            | 50.00         | 148.50               | Y/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | -        |
| 2K/24p                | 2048 x 1080                    | 27.00            | 24.00         | 74.25                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 2K/25p                | 2048 x 1080                    | 28.13            | 25.00         | 74.25                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 2K/30p                | 2048 x 1080                    | 33.75            | 30.00         | 74.25                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 2K/48p                | 2048 x 1080                    | 54.00            | 48.00         | 148.50               | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 2K/60p                | 2048 x 1080                    | 67.50            | 60.00         | 148.50               | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 2K/50p                | 2048 x 1080                    | 56.25            | 50.00         | 148.50               | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 3840 x 2160/24p       | 3840 x 2160                    | 54.00            | 24.00         | 297.00               | H/DL/DP                | ○   | ○ | ○ | - | ○  | ○  | -        |
| 3840 x 2160/25p       | 3840 x 2160                    | 56.25            | 25.00         | 297.00               | H/DL/DP                | ○   | ○ | ○ | - | ○  | ○  | -        |
| 3840 x 2160/30p       | 3840 x 2160                    | 67.50            | 30.00         | 297.00               | H/DL/DP                | ○   | ○ | ○ | - | ○  | ○  | -        |
| 3840 x 2160/60p       | 3840 x 2160                    | 135.00           | 60.00         | 594.00               | H/DL <sup>14</sup> /DP | ○   | ○ | - | - | -  | ○  | -        |
| 3840 x 2160/50p       | 3840 x 2160                    | 112.50           | 50.00         | 594.00               | H/DL <sup>14</sup> /DP | ○   | ○ | - | - | -  | ○  | -        |
| 4096 x 2160/24p       | 4096 x 2160                    | 54.00            | 24.00         | 297.00               | H/DL/DP                | ○   | ○ | ○ | - | ○  | ○  | -        |
| 4096 x 2160/25p       | 4096 x 2160                    | 56.25            | 25.00         | 297.00               | H/DL/DP                | ○   | ○ | ○ | - | ○  | ○  | -        |
| 4096 x 2160/30p       | 4096 x 2160                    | 67.50            | 30.00         | 297.00               | H/DL/DP                | ○   | ○ | ○ | - | ○  | ○  | -        |
| 4096 x 2160/60p       | 4096 x 2160                    | 135.00           | 60.00         | 594.00               | H/DL <sup>14</sup> /DP | ○   | ○ | - | - | -  | ○  | -        |
| 4096 x 2160/50p       | 4096 x 2160                    | 112.50           | 50.00         | 594.00               | H/DL <sup>14</sup> /DP | ○   | ○ | - | - | -  | ○  | -        |
| 640 x 400/70          | 640 x 400                      | 31.47            | 70.09         | 25.18                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 640 x 400/85          | 640 x 400                      | 37.86            | 85.08         | 31.50                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 640 x 480/60          | 640 x 480                      | 31.47            | 59.94         | 25.18                | R/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | ○        |
| 640 x 480/67          | 640 x 480                      | 35.00            | 66.67         | 30.24                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 640 x 480/73          | 640 x 480                      | 37.86            | 72.81         | 31.50                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 640 x 480/75          | 640 x 480                      | 37.50            | 75.00         | 31.50                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 640 x 480/85          | 640 x 480                      | 43.27            | 85.01         | 36.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 800 x 600/56          | 800 x 600                      | 35.16            | 56.25         | 36.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 800 x 600/60          | 800 x 600                      | 37.88            | 60.32         | 40.00                | R/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | ○        |
| 800 x 600/72          | 800 x 600                      | 48.08            | 72.19         | 50.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 800 x 600/75          | 800 x 600                      | 46.88            | 75.00         | 49.50                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 800 x 600/85          | 800 x 600                      | 53.67            | 85.06         | 56.25                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 832 x 624/75          | 832 x 624                      | 49.72            | 74.55         | 57.28                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 852 x 480/60          | 852 x 480                      | 31.47            | 59.94         | 34.24                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1024 x 768/50         | 1024 x 768                     | 39.55            | 50.00         | 51.89                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1024 x 768/60         | 1024 x 768                     | 48.36            | 60.00         | 65.00                | R/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | ○        |
| 1024 x 768/70         | 1024 x 768                     | 56.48            | 70.07         | 75.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1024 x 768/75         | 1024 x 768                     | 60.02            | 75.03         | 78.75                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1024 x 768/82         | 1024 x 768                     | 65.55            | 81.63         | 86.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1024 x 768/85         | 1024 x 768                     | 68.68            | 85.00         | 94.50                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1066 x 600/60         | 1066 x 600                     | 37.64            | 59.94         | 53.00                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1152 x 864/60         | 1152 x 864                     | 53.70            | 60.00         | 81.62                | D/H/DL/DP              | -   | - | - | - | -  | ○  | ○        |
| 1152 x 864/70         | 1152 x 864                     | 63.99            | 70.02         | 94.20                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1152 x 864/75         | 1152 x 864                     | 67.50            | 75.00         | 108.00               | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1152 x 864/85         | 1152 x 864                     | 77.09            | 85.00         | 119.65               | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1152 x 870/75         | 1152 x 870                     | 68.68            | 75.06         | 100.00               | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 720/60         | 1280 x 720                     | 44.76            | 60.00         | 74.48                | R/D/H/DL/DP            | -   | - | - | - | -  | ○  | ○        |
| 1280 x 768/50         | 1280 x 768                     | 39.55            | 49.94         | 65.18                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 768/60         | 1280 x 768                     | 47.70            | 60.00         | 80.14                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 768/60         | 1280 x 768                     | 47.78            | 59.87         | 79.50                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 800/50         | 1280 x 800                     | 41.20            | 50.00         | 68.56                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 800/60         | 1280 x 800                     | 49.31            | 59.91         | 71.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 800/60         | 1280 x 800                     | 49.70            | 59.81         | 83.50                | R/D/H/DL/DP            | -   | - | - | - | -  | ○  | ○        |
| 1280 x 960/60         | 1280 x 960                     | 60.00            | 60.00         | 108.00               | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 960/85         | 1280 x 960                     | 85.94            | 85.00         | 148.50               | R                      | -   | - | - | - | -  | -  | -        |
| 1280 x 1024/60        | 1280 x 1024                    | 63.98            | 60.02         | 108.00               | R/D/H/DL/DP            | ○   | ○ | ○ | ○ | ○  | ○  | ○        |
| 1280 x 1024/75        | 1280 x 1024                    | 79.98            | 75.02         | 135.00               | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1280 x 1024/85        | 1280 x 1024                    | 91.15            | 85.02         | 157.50               | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1360 x 768/60         | 1360 x 768                     | 47.71            | 60.02         | 85.50                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1360 x 768/60         | 1360 x 768                     | 47.70            | 60.00         | 84.72                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1360 x 768/60         | 1360 x 768                     | 47.72            | 59.80         | 84.75                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1366 x 768/50         | 1366 x 768                     | 39.55            | 50.00         | 69.92                | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |
| 1366 x 768/60         | 1366 x 768                     | 48.39            | 60.03         | 86.71                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1366 x 768/60         | 1366 x 768                     | 48.00            | 60.00         | 72.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1366 x 768/50         | 1366 x 768                     | 39.56            | 49.89         | 69.00                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1366 x 768/60         | 1366 x 768                     | 47.71            | 59.79         | 85.50                | R/D/H/DL/DP            | -   | - | - | - | -  | -  | -        |
| 1400 x 1050/60        | 1400 x 1050                    | 65.22            | 60.00         | 122.61               | D/H/DL/DP              | -   | - | - | - | -  | -  | -        |

| Correspondence signal | Resolution (dot)         | Scan rate        |               | Dot clock rate (MHz) | Format*2    | Plug and play compatible signal*5 |   |   |   |    |    |          |
|-----------------------|--------------------------|------------------|---------------|----------------------|-------------|-----------------------------------|---|---|---|----|----|----------|
|                       |                          | Horizontal (kHz) | Vertical (Hz) |                      |             | HDMI                              |   |   |   | DL | DP | DVI-D/PC |
|                       |                          |                  |               |                      |             | 1                                 | 2 | 3 | 4 |    |    |          |
| 1400 x 1050/75        | 1400 x 1050              | 82.20            | 75.00         | 155.85               | R/D/H/DL/DP | -                                 | - | - | - | -  | -  | -        |
| 1440 x 900/60         | 1440 x 900               | 55.47            | 59.90         | 88.75                | R/D/H/DL/DP | -                                 | - | - | - | -  | -  | -        |
| 1440 x 900/60         | 1440 x 900               | 55.92            | 60.00         | 106.47               | R/D/H/DL/DP | -                                 | - | - | - | -  | -  | -        |
| 1600 x 900/50         | 1600 x 900               | 46.30            | 50.00         | 97.05                | D/H/DL/DP   | -                                 | - | - | - | -  | -  | -        |
| 1600 x 900/60         | 1600 x 900               | 60.00            | 60.00         | 108.00               | D/H/DL/DP   | -                                 | - | - | - | -  | -  | -        |
| 1600 x 900/60         | 1600 x 900               | 55.99            | 59.95         | 118.25               | D/H/DL/DP   | -                                 | - | - | - | -  | -  | -        |
| 1600 x 900/60         | 1600 x 900               | 55.92            | 60.00         | 119.00               | D/H/DL/DP   | -                                 | - | - | - | -  | ○  | ○        |
| 1600 x 1200/60        | 1600 x 1200              | 75.00            | 60.00         | 162.00               | R/D/H/DL/DP | -                                 | - | - | - | -  | -  | -        |
| 1680 x 1050/60        | 1680 x 1050              | 65.29            | 59.95         | 146.25               | R/D/H/DL/DP | -                                 | - | - | - | -  | -  | -        |
| 1920 x 1080/60        | 1920 x 1080 <sup>3</sup> | 66.59            | 59.93         | 138.50               | R/D/H/DL/DP | -                                 | - | - | - | -  | -  | -        |
| 1920 x 1080/60        | 1920 x 1080              | 67.50            | 60.00         | 148.50               | R/D/H/DL/DP | ○                                 | ○ | ○ | ○ | ○  | ○  | ○        |
| 1920 x 1200/60        | 1920 x 1200              | 74.04            | 59.95         | 154.00               | R/D/H/DL/DP | ○                                 | ○ | ○ | ○ | ○  | ○  | ○        |
| 1920 x 2160/60        | 1920 x 2160              | 133.29           | 59.99         | 277.25               | H/DL/DP     | -                                 | - | - | - | -  | -  | -        |
| 1920 x 2160/60        | 1920 x 2160              | 135.00           | 60.00         | 297.00               | H/DL/DP     | -                                 | - | - | - | -  | -  | -        |
| 2560 x 1440/60        | 2560 x 1440              | 88.79            | 59.95         | 241.50               | H/DL/DP     | -                                 | - | ○ | - | ○  | ○  | -        |
| 2560 x 1600/50        | 2560 x 1600              | 82.37            | 49.95         | 286.00               | H/DL/DP     | -                                 | - | - | - | -  | -  | -        |
| 2560 x 1600/60        | 2560 x 1600              | 98.71            | 59.97         | 268.50               | H/DL/DP     | -                                 | - | - | - | -  | -  | -        |
| 3840 x 1080/60        | 3840 x 1080              | 66.63            | 59.97         | 266.50               | H/DL/DP     | -                                 | - | - | - | -  | -  | -        |
| 3840 x 2160/30        | 3840 x 2160              | 65.69            | 29.98         | 262.75               | H/DL/DP     | -                                 | - | - | - | -  | ○  | -        |
| 3840 x 2160/60        | 3840 x 2160              | 133.31           | 60.00         | 533.25               | H/DP        | -                                 | - | - | - | -  | ○  | -        |

\*1 : Pixel-Repetition signal (dot clock frequency 27.0 MHz) only

\*2 : Signals to represent formats are as follows.

R : D-sub RGB (PC IN)  
Y : YCbCr/YPbPr (PC IN)  
D : DVI-D (DVI-D IN)  
H : HDMI (HDMI 1, HDMI 2)  
DL : DIGITAL LINK (DIGITAL LINK)  
DP : Display Port (Display Port)

\*3 : Based on VESA CVT-RB (Reduced Blanking) standard

\*4 : YCbCr420 format only supported

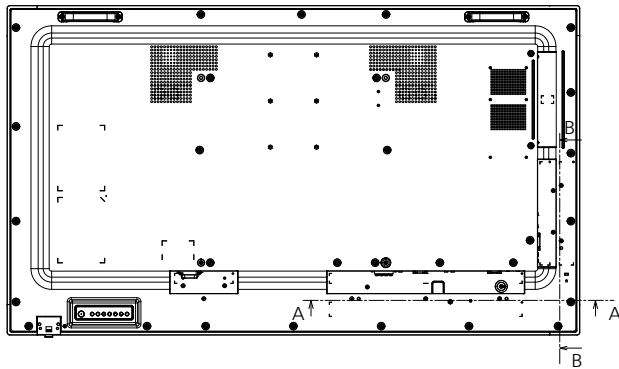
\*5 : Signals with ○ in the Plug and Play-supported signal column are the ones written in EDID (Extended Display Identification Data) of this unit.  
For signals without ○ in the Plug and Play-supported signal column, resolutions may not be selected on the PC side even if this unit supports those signals.

#### Note

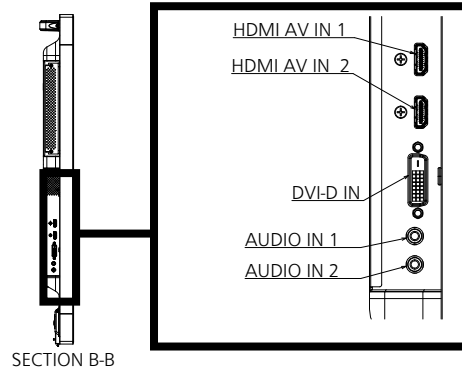
- An auto detected signal format may be differently displayed from the actual input signal.
- [ i ] shown after the number of dots of resolution means the interlace signal.
- When 1080/30PsF signal and 1080/25PsF signal are input, they are processed as 1080/60i signal and 1080/50i signal, and then displayed.
- When a 1920 x 2160/60 signal (dot clock frequency 297.00 MHz, DIGITAL LINK format) is input Display as 3840 x 2160 / 60p.

**Drawing of terminals**

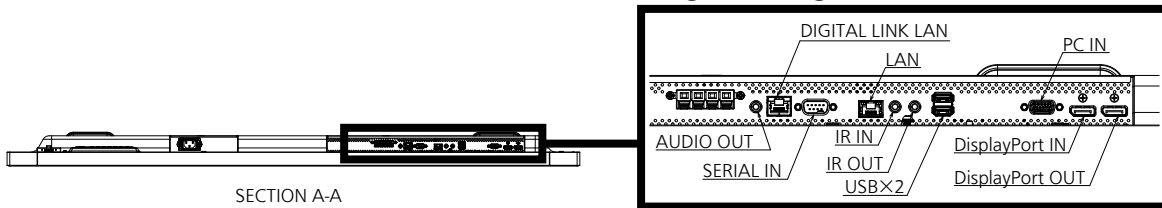
View from back



Magnified figure of terminal b

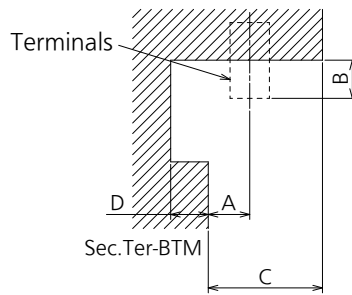


Magnified figure of terminal a



**Sectional view of terminal a**

(AUDIO OUT / DIGITAL LINK LAN / SERIAL IN / LAN / IR IN / IR OUT / USB / PC IN / DisplayPort IN / DisplayPort OUT)



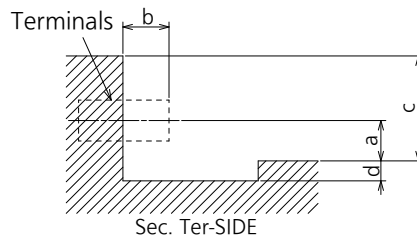
**Terminal a**  
**55SQ1W Terminal (Bottom)**

Units : mm (inch)

|   | AUDIO OUT | DIGITAL LINK LAN | SERIAL IN | LAN       | IR IN     | IR OUT    | USB       |           | PC IN     | DisplayPort IN | DisplayPort OUT |
|---|-----------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|-----------------|
|   |           |                  |           |           |           |           | USB:1     | USB:2     |           |                |                 |
| A | 13 (0.51) | 13 (0.52)        | 13 (0.50) | 11 (0.42) | 13 (0.51) | 13 (0.51) | 11 (0.42) | 19 (0.75) | 13 (0.50) | 10 (0.39)      | 10 (0.39)       |
| B | 3 (0.11)  | —                | 5 (0.20)  | —         | 3 (0.11)  | 3 (0.11)  | —         | —         | 5 (0.20)  | —              | —               |
| C |           |                  |           |           |           |           |           |           |           |                |                 |
| D |           |                  |           |           |           |           |           |           |           |                |                 |

**Sectional view of terminal b**

(HDMI AV IN (1/2) / DVI-D IN / AUDIO IN (1/2))



**Terminal b**  
**55SQ1W Terminal (Side)**

Units : mm (inch)

|   | HDMI AV IN 1/2 | DVI-D IN  | AUDIO IN 1/2 |
|---|----------------|-----------|--------------|
| A | 10 (0.39)      | 11 (0.45) | 13 (0.51)    |
| B | —              | 6 (0.22)  | 3 (0.11)     |
| C | 35 (1.39)      |           |              |
| D | 5 (0.18)       |           |              |

\*Due to the construction of terminal, some types of connecting cable or USB memory device cannot be used. Be sure to use connecting cable or USB memory device after confirmation in this drawing.