



## 55" Professional Signage Displays

- Resolution: 1920x1080 (FHD)
- Brightness: 400 cd/m2
- Operation: 24/7
- Bezel: 9-11 mm (T/R/L), 13-15 mm (B)
- Interface: HDMI 2.0 / VGA / USB / RS232 /RJ45 /RJ12 / IR / HP / Audio / Speaker

## Key Features



### OSD Orientation

The orientation of the OSD can be adjusted to improve its ease of use whilst displaying content in portrait.



### Detachable Logo

Detachable logo allows you to put the logo desired position. Either portrait or landscape mode your logo presented in a good placement. Also you can remove the logo if it is blocking you to use more screens together.



### IP Streaming Support

Our processors in the displays make it easier to manage content through many devices. IP video streaming protocols such as RTSP/RTP/HLS and UDP Multicast are supported for real-time content streaming. So that, live broadcasts can be displayed in this way.



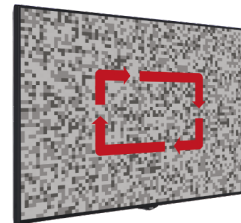
### Display Control over RS232 and LAN

Our platform allows users to control their displays, using a large range of commands through either a Local Area Network or direct RS232 Serial connection.



### Scheduler

Digital Signage Monitor Software allows many important features such as Scheduler. Scheduler sets your display turn on/off time easily and lets you not to worry about the status of your displays in any time.



### Pixel Shifting

Pixel Shifting is designed to be activated inside the SoC in order to prevent for potential risk of image sticking, caused by constant content. With this feature turned on, pixels on the screen will move in an interval while causing no interference of visual experience.

# Features

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## HDMI Wake Up

To maximize the user experience while using external video devices such as mediaplayers, display controllers or PCs, all our devices have HDMI Wakeup feature ready to turn on/off the display by simply plugging/unplugging the HDMI cable.

## Menu Lock

Allows user to enable/disable menu access in order to prevent displays settings in the public area. After initial installation, you can have additional security to your signage displays in the field by using menu lock feature.

## Embedded CMS

Embedded content management program which supports playback library, ready templates and scheduler. With its simple and intuitive menus and layout options, it is effective for small and medium enterprises to make easy content management.

## Wireless Display

Using either Microsoft Wireless Display Adaptor or Android Screen Sharing functions on Windows and Android devices, you can mirror screen to the display using embedded wireless display capabilities without using any external devices or cables.

## Auto Launch

We have made it easy to give any HTML5-based application link to the display within the SoC software. Upon this, the display will start with the given link. The application can either be an offline or an online application, allowing the customers to execute their own application.

## PANEL

|                          |   |
|--------------------------|---|
| Screen Size              | 55"   |
| Panel Technology         | IPS   |
| Backlight Type           | Direct-Type LED                                 |
| Brightness (typical)     | 400 cd/m <sup>2</sup>                           |
| Native Resolution        | 1920 x 1080 (16:9) - FHD                        |
| Contrast Ratio (typical) | 1000:1  |
| Dynamic Contrast Ratio   | 40000:1   |
| Panel Life Time ( Min. ) | 50000 Hrs                                       |
| Response Time (typical)  | 6 ms  |
| Active Area (H x V)      | 1210 mm (H) x 681 mm (V)                        |
| Pixel Pitch (H x V)      | 0.630 x 0.630 mm                                |
| PPI (pixel per inch)     | 40  |
| Viewing Angle            | 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 |
| Color Value              | 16.7 M (8-bit)                                  |
| Screen Treatment         | 3H  |
| Haze Level               | 1%  |
| Refresh Rate             | 60 Hz   |
| Front Type               | Ultra Narrow Bezel                              |
| Orientation              | Horizontal / Vertical                           |
| Operation Hours          | 24/7  |
| Area of Usage            | Indoor  |

## MAINBOARD

|                 |           |
|-----------------|-----------|
| Mainboard Model | 17MB135VS |
|-----------------|-----------|

## MONITOR CONNECTIVITY

|                  |   |
|------------------|---|
| RGB Input        | VGA(DE-15F)                                 |
| RGB Output       | N/A   |
| Video Input      | 2xHDMI2.0, 2xUSB2.0, USB2.0(Internal)       |
| Video Output     | HDMI2.0                                     |
| Audio Input      | Line In L/R                                 |
| Audio Output     | Headphone, Optic SPDIF                      |
| External Control | RS232(DE-9F), Ethernet(RJ45), Service(RJ12) |
| External Sensor  | RJ12  |

## MECHANICAL

|                            |                         |
|----------------------------|-------------------------|
| Product Dimensions (WxDxH) | 1238 x 104 x 712 mm     |
| Package Dimensions (WxDxH) | 1369 x 165 x 874 mm     |
| Product Weight             | 17.05 kg                |
| Package Weight             | 21.3 kg                 |
| Vesa Mounting              | 400 x 200 mm - M6       |
| Bezel Width                | B:14   T:11   L/R:11 mm |

## ENVIRONMENTAL CONDITIONS

|                       |        |
|-----------------------|--------|
| Operating Temperature | 0-40°C |
| Operating Humidity    | 10-90% |

## POWER

|              |                              |
|--------------|------------------------------|
| Power Supply | 110 VAC - 240 VAC - 50/60 Hz |
|--------------|------------------------------|

## POWER CONSUMPTION

|              |        |
|--------------|--------|
| Typical      | 58 W   |
| Deep Standby | ≤0.5 W |

## FEATURES

|                     |   |
|---------------------|---|
| Main Features       | Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock                   |
| Mechanical Features | Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder |
| Optional Features   | OPS Compliance, IR Overlay Touch Compliance   |
| Speaker             | 2 x 8 W   |

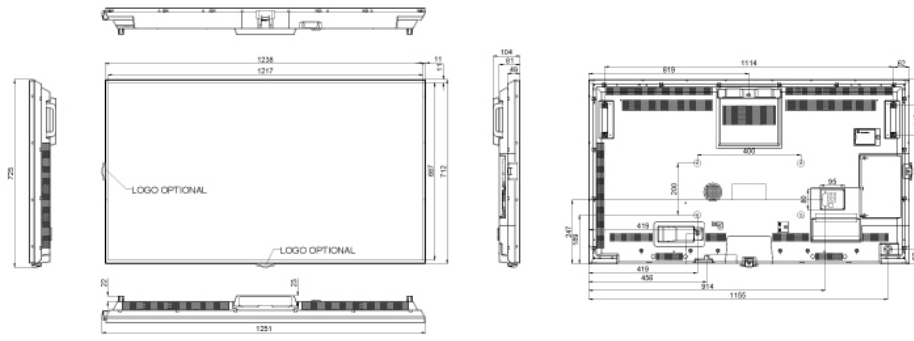
## ACCESSORY


|          |  |
|----------|--|
| Standard | QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable |
|----------|--|

## CERTIFICATION

|        |     |
|--------|-----|
| Safety | YES |
| EMC    | YES |
| CE     | YES |

|             |                 |                     |
|-------------|-----------------|---------------------|
| REVIZYON NO | REVIZYON TARİHİ | REVIZYON NEDENİ     |
| 1           | 04.02.2018      | FORMAT DEĞİŞTİRİLDİ |
| 2           |                 |                     |
| 3           |                 |                     |



| MODEL<br>55495 DS | DIMENSIONS (mm) |             |              |  |
|-------------------|-----------------|-------------|--------------|--|
|                   | WIDTH<br>mm     | DEPTH<br>mm | HEIGHT<br>mm |  |
| PRODUCT           | 1238            | 104         | 712          |  |
| PACKAGING         | 1369            | 165         | 874          |  |

| TOLERANCES   | K     | NAME:   | 55495 DS          | REV:  | R01        |
|--------------|-------|---|-------------------|---|------------|
| 0.00/0.00    | ±0.20 | CREATED :   | HOSEYIN CIFTCI    | DATE:   | 04.02.2018 |
| 0.00/100.00  | ±0.30 | LAST REV. :   | NIHAT OZTEN       | SHEET:  | 1 / 1      |
| 0.00/250.00  | ±0.50 | CHECK :   | Hakan KOPUNCUOGLU | SCALE:  | 1 : 1      |
| 0.00/500.00  | ±0.75 | APPROV. :   | Devlet ÇETINYUREK |  | UNIT<br>mm |
| 0.00/1000.00 | ±1.00 |  VESITEL ELECTRONICS / ULKAL, PRODUCTS OPERATIONS MANISA/TURKEY<br>TEL:+902362539660 FAX:+902362539552 |                   |   |            |
| ANGLES       | ±0.5° |   |                   |   |            |