



## 55" Value Signage Display

- Resolution : 3840x2160 (UHD)
- Brightness : 350 cd/m2
- Operation : 16/7
- Bezel : 10 mm (T/R/L)
- Interface : HDMI 2.0 / VGA / USB / RS232 /RJ45 / RJ12 / IR / HP / Audio / Speaker

## Key Features



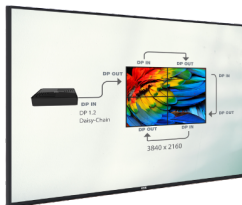
### Embedded CMS

The embedded content management system allows easy access to your playback library, templates and scheduler. Using simple and intuitive menus and layout options, it allows easy content management for small enterprises.



### DAP (Dolby Audio Processing) Technology

Our displays provides a comprehensive sound performance by using Dolby's latest technology DAP. With embedded DAP Technology, superior sound performance achieves by intelligent audio equalizing, dialog enhancements and surround sound upmixing.



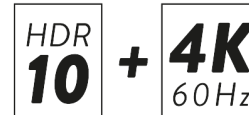
### Daisy Chain

The display can mirror the content (to another display) into its display port out coming from its display port in. This set up creates a daisy chain like structure allowing for monitors to be set up as Video Wall mode.



### URL Startup

Along with multiple start up options, it is possible to add a specific URL which will be opened automatically when the browser is launched, or the display is switched on.



### HDR10 & 4K HDMI @60Hz

Displays supporting HDR10 allows HDR based content to be shown, giving a brighter and more dynamic picture. This is further enhanced due to the support of 4K 60Hz, allowing ultra sharp, smooth Video content to be presented.



### Display Control

Digital Signage Display SoC enables the users to control our displays using RS232 commands in a Local Area Network. Together with the full RS232 command list you can change/set volume, turn on/off the monitor, set a schedule for content display, set a webpage link to be displayed and give a wide range of commands in real-time.

# Features

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## 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.

## Operation Time Support

Professional Panels used with this series are quality confirmed to operate 16 hours a day without any issues. Upon this, the series come with 350 Nits brightness levels suitable for medial indoor environment.

## Source Switching

It is made available to set any Source on startup of the display. It can also be switched on any other signal source using scheduler and failover scenarios. This lets the users to freely control the process of their requirements allowing best user experience.

## Signal Failover

Our SoC Software has a protection for "No Signal" scenario. If the USB is unplugged after your content is set to be displayed with USB, the display will either show your customized banner or search for any other signal from other sources (HDMI, Display Port, etc.). This failover protection is constructed for higher user experience.

## 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.

## PANEL

|                          |   |
|--------------------------|---|
| Screen Size              | 55"   |
| Panel Technology         | Edge-Type LED                                   |
| Brightness (typical)     | 350 cd/m <sup>2</sup>                           |
| Native Resolution        | 3840 x 2160 (16:9) - UHD                        |
| Contrast Ratio (typical) | 1200:1  |
| Dynamic Contrast Ratio   | 35000:1   |
| Panel Life Time ( Min. ) | 50000 Hrs                                       |
| Response Time (typical)  | 8 ms  |
| Active Area (H x V)      | 1210 x 680 mm                                   |
| Pixel Pitch (H x V)      | 0.3150 x 0.3150 mm                              |
| PPI (pixel per inch)     | 81  |
| Viewing Angle            | 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 |
| Color Value              | 1.07 B (10-bit)                                 |
| Screen Treatment         | 2H  |
| Haze Level               | 3%  |
| Refresh Rate             | 60 Hz   |
| Front Type               | Ultra Narrow Bezel                              |
| Orientation              | Horizontal                                      |
| Operation Hours          | 16/7  |
| 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                         |
| Video Output     | N/A   |
| 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) | 1236 x 56 x 712 mm        |
| Package Dimensions (WxDxH) | 1369 x 145 x 874 mm       |
| Product Weight             | 17 kg – subject to change |
| Package Weight             | 20 kg – subject to change |
| Vesa Mounting              | 400 x 200 mm              |
| Bezel Width                | B:16   T:10   L/R:10 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      | 100 W – subject to change |
| 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, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock |
| Mechanical Features | Joystick, Cable Holder  |
| Speaker             | 2 x 10 W  |

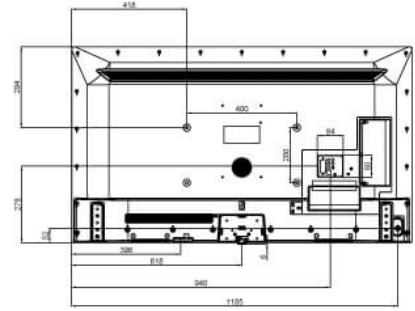
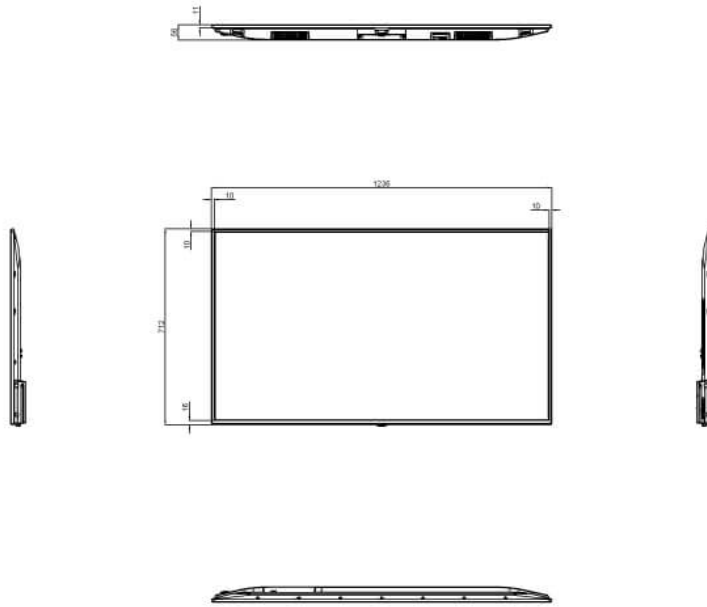
## ACCESSORY

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

## CERTIFICATION

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

| REV. | REV. NO.   | REV. TARİHİ |
|------|------------|-------------|
| 1    | 01/07/2019 | 01/07/2019  |
| 2    |            |             |
| 3    |            |             |



| MODEL<br>55405 VS | DIMENSIONS (mm) |             |              | ACTIVE CELL DIMENSIONS |
|-------------------|-----------------|-------------|--------------|------------------------|
|                   | WIDTH<br>mm     | DEPTH<br>mm | HEIGHT<br>mm |                        |
| PRODUCT           | 1236            | 56          | 712          | 1236<br>712            |
| PACKAGING         | 1369            | 145         | 874          |                        |

| TOLERANCES | K     | NAME   | REV.             |
|------------|-------|--|------------------|
| 0.00/0.00  | ±0.01 | 55405 VS   | R01              |
| 0.00/0.00  | ±0.00 | CREATED : SAIM DEMİRE  | DATE: 29/07/2019 |
| 0.00/0.00  | ±0.00 | LAST REV. : SAIM DEMİRE  | SHEET: 1 / 1     |
| 0.00/0.00  | ±0.05 | CHECK : Halim KUTUNCUOĞLU  | SCALE: 1:1       |
| 0.00/0.00  | ±0.01 | APPROV. : Deniz ÇETİNYÜREK   | UNIT<br>mm       |
| 0.00/0.00  | ±0.00 | <b>VESTEL</b> VESTEL ELECTRONICS / DIGITAL PRODUCTS OPERATING MANAGER/TÜRKİYE<br>TEL: +90 256 233 66 60 FAX: +90 256 233 66 60 |                  |
| ANGLES     | ±0.5° |  |                  |