



## 49" Quality Signage Display

### 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.



#### Sensor Support

With the support of external sensors, as temperature, proximity and ambient light, you can observe what is happening around your screens. This can help you to make screens work efficiently and safely for energy saving and error prevention when temperature gets too high.



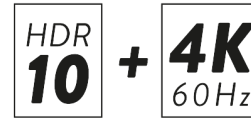
#### Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluities, directing audience focus on your advertised content. This series is found to be desirable for digital signage specific design: internal usb cover, OPS-slot, detachable power plug, carrying handles and IR extender.



#### ADA Compliance

The New QF series is designed to be ADA compatible. Thanks to its Slim design the QF Series along with Vestel's specifically designed wall mount kit is suitable for compact installations.



#### 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.



#### External Device Connections

You may want to connect your teleconference system, screen sharing system, set-top box or external PCs via HDMI port. For this purposes, our monitors help you to maximize user experience with HDMI CEC (Consumer Electronics Control) and HDMI Hotplug capabilities.

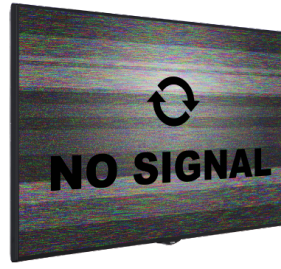
# Features

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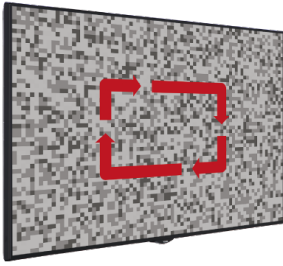
## Scheduler

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.



## 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.



## Usb Auto-Play

You will be able to show photo and video content automatically with USB Auto-play feature. SoC software gives you a choice to turn on USB auto-play function making it easy for end-users to show any media on the screen and not worry about anything else.



## 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.



## 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.



## Usb Security

This series lets your USB and your content to be secured within the back cover of the display. The cover is protected with a screw not allowing any outside intervention.

## PANEL

|                          |   |
|--------------------------|---|
| Screen Size              | 49"   |
| Backlight Type           | Edge-Type LED                                   |
| Brightness (typical)     | 500 cd/m <sup>2</sup>                           |
| Native Resolution        | UHD: 3840 x 2160 - HDR10                        |
| Contrast Ratio (typical) | 1200:1  |
| Dynamic Contrast Ratio   | 50000:1   |
| Panel Life Time ( Min. ) | 50000 Hrs                                       |
| Response Time (typical)  | 8 ms  |
| Active Area (H x V)      | 1074 x 604 mm                                   |
| Pixel Pitch (H x V)      | 0.279 x 0.279 mm                                |
| PPI (pixel per inch)     | 91  |
| 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                                      |
| Operation Hours          | 16/7  |
| Area of Usage            | Indoor  |

## MONITOR CONNECTIVITY

|                  |   |
|------------------|---|
| RGB Input        | VGA(DE-15F)                                 |
| RGB Output       | N/A   |
| Video Input      | 4xHDMI2.0, 2xUSB2.0                         |
| 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  |

## ENVIRONMENTAL CONDITIONS

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

## POWER CONSUMPTION

|              |        |
|--------------|--------|
| Typical      | 143 W  |
| Deep Standby | ≤0.5 W |

## ACCESSORY

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

## MAINBOARD

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

## MECHANICAL

|                            |                             |
|----------------------------|-----------------------------|
| Product Dimensions (WxDxH) | 1099 x 63 x 632 mm          |
| Package Dimensions (WxDxH) | 1195 x 154 x 780 mm         |
| Product Weight             | 15.75 kg                    |
| Package Weight             | 20.75 kg                    |
| Vesa Mounting              | 200 x 200 mm                |
| Bezel Width                | B:13,1   T:9,3   L/R:9,3 mm |

## POWER

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

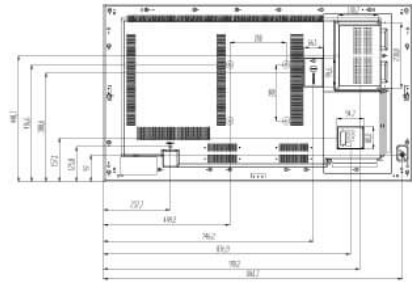
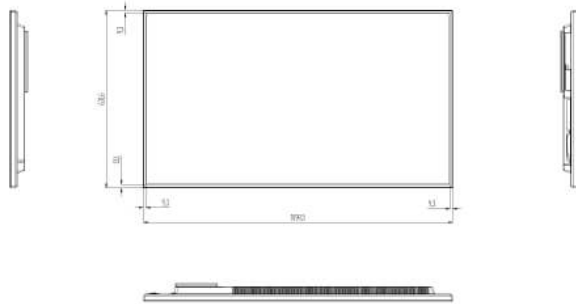
## FEATURES

|                     |   |
|---------------------|---|
| 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, OPS Compatible, SDM Support, Internal USB Cover, Detachable Power Plug  |
| Speaker             | 2 x 10 W  |

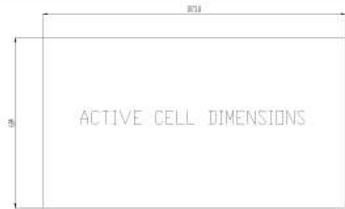
## CERTIFICATION

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

|          |            |              |
|----------|------------|--------------|
| REVIZYON | REVİZYON   | REVİZYON     |
| 1        | 25/09/2019 | ÖZKAN GÜLLER |
| 2        | 25/09/2019 | TEKİN YILDIZ |
| 3        |            |              |



| MODEL<br>49592 VS | DIMENSIONS (mm) |             |              |
|-------------------|-----------------|-------------|--------------|
|                   | WIDTH<br>mm     | DEPTH<br>mm | HEIGHT<br>mm |
| PRODUCT           | 1099            | 63          | 632          |
| PACKAGING         | TBD             | TBD         | TBD          |



|             |       |                             |                  |
|-------------|-------|-----------------------------|------------------|
| TOLERANCES: | K     | NAME: 49592 VS              | REV: R02         |
| 0.00/0.00   | ±0.10 | CREATED : SAIM BENLİ        | DATE: 25/09/2019 |
| 0.00/0.00   | ±0.20 | LAST REV. : SAIM BENLİ      | SHEET: 1 / 1     |
| 0.00/0.00   | ±0.50 | CHECK : Hakan KUTLUOĞLU     | SCALE : 1        |
| 0.00/0.00   | ±1.75 | APPROV. : İsmet ÇETİNKURKÇU | UNIT: mm         |
| 0.00/0.00   | ±1.00 |                             |                  |
| 0.00/0.00   | ±1.50 |                             |                  |
| ANGLES      | ±15°  |                             |                  |

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