



## 86" Extreme Signage Displays

### Key Features



#### 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.



#### Subtle Design

This series' displays exhibit ultra narrow bezel design eliminating the visual superfluties, 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.



#### 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.



#### Open Platform Support

Our SoC supports API (Application Programming Interface) for solution providers/integrators to develop and integrate any HTML5-based to be installed and used on our displays.



#### OPS Support

All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific 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.

# Features



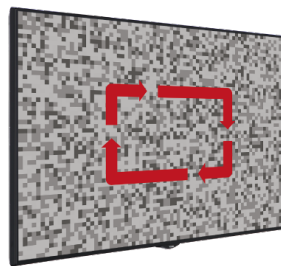
## External Device Connections

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.



## 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.



## 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.



## 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.



## Crestron Connected

Crestron Connected certification complements VESTELs presence with inside the corporate, retail, government, better training and hospitality markets, all of which use expert AV controls. As those sectors hold to evolve with growing necessities for simple-to-use merchandise, seamless integration, dependable answers and community connectivity.

## DISPLAY

|                          |   |
|--------------------------|---|
| Screen Size              | 86"   |
| Panel Technology         | IPS   |
| Backlight Type           | Edge-Type LED                                   |
| Brightness (typical)     | 410 cd/m <sup>2</sup>                           |
| Native Resolution        | 3840 x 2160 (16:9) - UHD                        |
| Contrast Ratio (typical) | 1200:1  |
| Dynamic Contrast Ratio   | 40000:1   |
| Life Time (typical)      | 50000 Hrs                                       |
| Response Time (typical)  | 8 ms  |
| Active Area (H x V)      | 1895 x 1066 mm                                  |
| 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             | 120 Hz  |
| Orientation              | Horizontal                                      |
| Operation Hours          | 16/7  |
| Area of Usage            | Indoor  |

## MECHANICAL

|                            |                      |
|----------------------------|----------------------|
| Product Dimensions (WxDxH) | 1928 x 80 x 1099 mm  |
| Package Dimensions (WxDxH) | 2163 x 380 x 1405 mm |
| Product Weight             | 61.95 kg             |
| Package Weight             | 83.8 kg              |
| Vesa Mounting              | 600 x 400 mm - M8    |
| Bezel Width                | B/T/L/R:12 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, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder   |
| Optional Features   | OPS Compliance  |
| Speaker             | 2 x 12 W  |

## CERTIFICATION

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

## REAR I/O

|                  |   |
|------------------|---|
| RGB Input        | VGA(DE-15F)                                     |
| RGB Output       | N/A   |
| Video Input      | 4xHDMI2.0, 1xDP1.2a, 2xUSB2.0, USB2.0(Internal) |
| Video Output     | HDMI2.0, DP1.2a                                 |
| Audio Input      | Line In L/R                                     |
| Audio Output     | Headphone, Optic SPDIF                          |
| External Control | RS232(DE-9F), Ethernet(RJ45), Service(RJ12)     |
| External Sensor  | RJ12  |
| USB              | Wifi Dongle                                     |

## ENVIRONMENTAL CONDITIONS

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

## POWER CONSUMPTION

|              |        |
|--------------|--------|
| Typical      | 300 W  |
| Deep Standby | ≤0.5 W |

## ACCESSORY

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