# PDU98SF81B/4



# 98" Professional UHD Signage Displays

## **Key Features**



## Signal Failover

Our displays have a protection for "No Signal". If the source is disconnected, the display will either show your customized banner or search for any other signal from video sources. Since blank screen is the worst case scenario for advertisement, failover is one of the critical feature in our signage displays.



## Scheduler

The built in scheduler is one of the many important included features. The scheduler allows you to plan daily routines of when the display is powered on or off, along with selection of different sources or USB playlists.



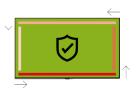
## **External Device Connections**

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**

The Pixel Shifting feature can be activated in order to reduce the potential risk of image sticking when static content is displayed over long periods of time. The feature periodically shifts the image on the display, without causing any interference of the visual experience.



## **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



#### **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.



#### 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.



#### **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.



#### **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.



#### **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.



#### SoC Content Management

With quad core SoC (System on Chip), this Series displays are the digital signage monitors for both offline designed content and cloud-based managed content. This helps your digital content to be displayed in the displays by content management systems.



#### **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.

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## DISPLAY

Screen Size Panel Technology Backlight Type Brightness (typical) Native Resolution Contrast Ratio (typical) Dynamic Constrast Ratio Panel Life Time ( Min. ) Response Time (typical) Active Area (H x V) Pixel Pitch (H x V) PPI (pixel per inch) Viewing Angle Color Value Screen Treatment Haze Level Refresh Rate Front Type Orientation Operation Hours Area of Usage

98″ SVA ELED 500 cd/m<sup>2</sup> UHD: 3840 x 2160 - HDR10 4000:1 50000:1 50000 Hrs 6ms 2158 x 1214 mm 0.5621 x 0.5621 mm 45 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 16.7 M (8-bit) 2H 25% 60 Hz SNB Horizontal / Vertical 24/7 Indoor

## REAR I/OS

| RGB Input        | VGA  |
|------------------|------|
| RGB Output       | N/A  |
| Video Input      | 4xH  |
| Video Output     | HDN  |
| Audio Input      | Line |
| Audio Output     | Hea  |
| External Control | RS2  |
| External Sensor  | RJ1  |

VGA(DE-15F) N/A 4xHDMI2.0, 1xDP1.2a, 2xUSB2.0, USB2.0(Internal) HDMI2.0, DP1.2a Line In L/R Headphone, Optic SPDIF RS232(DE-9F), Ethernet(RJ45), Service(RJ12) RJ12

## ENVIRONMENTAL CONDITIONS

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

## POWER CONSUMPTION

Typical Deep Standby 498 W ≤ 0.5 W

## ACCESSORY

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

## BUILT-IN SYSTEM

Mainboard Model

17MB135VS

### MECHANICAL

Product Dimensions (WxDxH) Package Dimensions (WxDxH) Product Weight Package Weight Vesa Mounting Bezel Width 2236 x 98 x 1292 mm 2423 x 380 x 1563 mm 102.4 kg 131.5 kg 900 x 600 mm B:39 | T:39 | L/R:39 mm

### POWER

#### Power Supply

110 VAC - 240 VAC - 50/60 Hz

## FEATURES

| Main Features          | Open Content Management Support, Scheduler, USB-Autoplay, Auto-<br>Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel<br>Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift,<br>Scheduler, Videowall support, remote control via LAN, Real Time<br>Clock |
|------------------------|--|
| Mechanical<br>Features | Joystick, IR Extender Support, Rocker Switch, Detachable power<br>cable, Carrying slots, Detachable logo positioning, Internal usb<br>cover, Cable Holder  |
| Optional<br>Features   | OPS Compliance   |
| Speaker                | 2x12W  |

## CERTIFICATION

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

