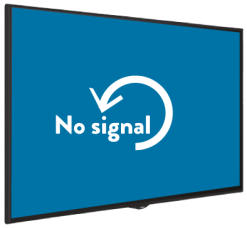
# PR50B-4F

VESTEL

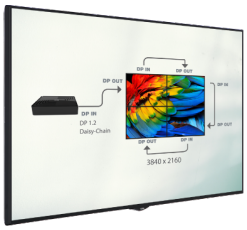
## 50" Prime Series

## 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.



### 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.

### 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.

### 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.

### 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.

### 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

### 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.

### 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.

### 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.

### 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.

### 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.

### 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.

# PR50B-4F

VESTEL

## DISPLAY

| | |
|---|---|
| Screen Size | 50'' |
| Backlight Type | Slim DLED |
| Brightness (typical) | 700 cd/m² |
| Native Resolution | 3840 x 2160 (16:9) - UHD |
| Contrast Ratio (typical) | 5000:1(typ.) |
| Dynamic Constrast Ratio | 70000:1 |
| Panel Life Time ( Min. ) | 50000 Hrs |
| Response Time (typical) | 9.5 ms |
| Active Area (H x V) | 1095.84 x 616.41 |
| Viewing Angle | 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 |
| Color Value | 1.07B |
| Screen Treatment | 3H |
| Haze Level | 3% |
| Refresh Rate | 60Hz |
| Orientation | Landscape / Portrait |
| Operation Hours | 24 / 7 |
| Area of Usage | Indoor |

## BUILT-IN SYSTEM

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

## REAR I/OS

| | |
|---|---|
| RGB Input | VGA(DE-15F) |
| RGB Output | N/A |
| Video Input | 4xHDMI2.0, DP1.2a, 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 |

## MECHANICAL

| | |
|---|---|
| Product Dimensions (WxDxH) | "1121 x 83 x 646 mm with OPS/SDM 1121 x 63 x 646 mm without OPS/SDM" |
| Package Dimensions (WxDxH) | 1215 x 165 x 775 |
| Product Weight | 12.8 kg |
| Package Weight | 16.8 kg |
| Vesa Mounting | 200 mm(W) x 200 mm(H) M6 |
| Bezel Width | 9/9/9/13 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 | 128 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, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock |
| Mechanical Features | Joystick, Rocker Switch, Detachable Power Cable, Dettachable Logo, Internal Usb Cover, 30-degrees Tilting Installation |
| Optional Features | SDM or OPS compatibility, Embedded IR, IR extender option |
| Speaker | 2x10 W |

## ACCESSORY

| | |
|---|---|
| Standard | QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable |

## CERTIFICATION

| | |
|---|---|
| Safety | Yes |
| EMC | Yes |
| CE | Yes |