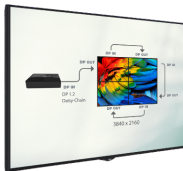


## Digital Signage Displays PR55D-4H

**VESTEL**



### Key Features



#### 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.



#### 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.



#### 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.



#### 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 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.

## Panel

|                         |  |                          |                           |
|-------------------------|--|--------------------------|---------------------------|
| Screen Size             | 55"  | Panel Technology         | IPS                       |
| Backlight Type          | Slim DLED  | Brightness (typical)     | 700 cd/m <sup>2</sup>     |
| Native Resolution       | 3840 x 2160 (16:9) - UHD                           | Contrast Ratio (typical) | 1200:1 (typ.)             |
| Dynamic Contrast Ratio  | 70000:1  | Panel Life Time ( Min. ) | 50000 Hrs                 |
| Response Time (typical) | 8 ms   | Active Area (H x V)      | 1209.6 (H) x 680.4 (V) mm |
| Viewing Angle           | 178° Vert., 178° Hor.<br>(89U/89D/89L/89R) @ CR>10 | Color Value              | 1.07G (8bits + FRC)       |
| Color Gamut             | 72% NTSC   | Haze Level               | 1%                        |
| Refresh Rate            | 60 Hz  | Orientation              | Landscape / Portrait      |
| Operation Hours         | 24/7   | Area of Usage            | Indoor                    |

## Built-in System

|                    |  |                  |                          |
|--------------------|--|------------------|--------------------------|
| Mainboard Model    | 17MB400VS  | Operating System | Android 9                |
| Memory             | 2 GB DDR4  | Storage          | 16 GB eMMC               |
| Additional Storage | Micro SD (up to 1TB)                                   | CPU              | Quad-Core ARM Cortex-A55 |
| Wired              | 10/100/1000 Mbps Ethernet, IEEE 802.1X Authentication  | GPU              | ARM Mali-G31 MP2         |
| WiFi               | WiFi 5 (802.11 a/b/g/n/ac), IEEE 802.1X Authentication | Bluetooth        | BT 5.1                   |
| HTML5 Browser      | Vewd   | Wireless Display | Miracast                 |

## Monitor Connectivity

|                 |   |                  |   |
|-----------------|---|------------------|---|
| Video Input     | 4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB | Video Output     | 1xHDMI2.0   |
| Audio Output    | Headphone, Optic SPDIF  | External Control | RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12) |
| External Sensor | RJ12  |                  |   |

## Mechanical

|                            |                         |                            |                       |
|----------------------------|-------------------------|----------------------------|-----------------------|
| Product Dimensions (WxDxH) | 1236 x 63 x 709 mm      | Package Dimensions (WxDxH) | 1369 x 165 x 874 mm   |
| Product Weight             | 18.5 kg                 | Package Weight             | 24.1 kg               |
| Vesa Mounting              | 400 (W) x 400 (H) mm M6 | Bezel Width                | B: 11 mm, T/L/R: 9 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      | 138 W  | Maximum | 180 W |
| Deep Standby | ≤0.5 W |         |       |



## Features

|               |  |  |
|---------------|--|--|
| Main Features | HTML5 CMS Launcher, Android CMS Launcher, Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD and UI Rotation, Video Rotation, NoSignalPowerOff, Pixel shift, Scheduler, Videowall support, Remote control via LAN, Real Time Clock, Crestron Connected, SNMP |  |
|               | Mechanical Features  | Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover |
| 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 |     |     |

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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