Digital Signage Displays

PR50D-4H





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.



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.



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.



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.



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, detachable power plug 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.

Panel

Screen Size	50"	Panel Technology	VA
Backlight Type	Slim DLED	Brightness (typical)	700 cd/m ²
Native Resolution	3840 x 2160 (16:9) - UHD	Contrast Ratio (typical)	5000:1 (typ.)
Dynamic Contrast Ratio	70000:1	Panel Life Time (Min.)	50000 Hrs
Response Time (typical)	9.5 ms	Active Area (H x V)	1095.8 (H) x 616.4 (V) mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	Color Value	1.07B
Color Gamut	72% NTSC	Haze Level	3%
Refresh Rate	60 Hz	Orientation	Landscape / Portrait
Operation Hours	24/7	Area of Usage	Indoor

Built-in System

Mainboard Model	17MB400VS	Operating System	Custom OS (built on Android AOSP)
Memory	2 GB DDR4	Storage	16 GB eMMC
Additional Storage	Micro SD (up to 1TB)	CPU	Quad-Core ARM Cortex-A55
GPU	ARM Mali-G31 MP2	Wired	10/100 Mbps Ethernet, IEEE 802.1X Authentication
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

4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A

Video Input 2.0, 1xUSB-A 2.0 (Internal), 1x Micro Video Output 1xHDMI2.0

USB

Audio InputHeadphone, Optic SPDIFExternal ControlRS232 (3.5mm jack green), Fast
Ethernet (RJ45), Service (RJ12)

External Sensor RJ12

Mechanical

Product Dimensions (WxDxH)	1121 x 63 x 646 mm	Package Dimensions (WxDxH)	1215 x 165 x 775 mm
Product Weight	12.8 kg	Package Weight	16.8 kg
Vesa Mounting	200 (W) x 200 (H) mm M6	Bezel Width	B: 13 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	121 W	Maximum	160 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 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		

Mechanical Features