

Digital Signage Displays

PR65D-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.



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.



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.



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.



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.



Panel

Screen Size	65"	Panel Technology	IPS
Backlight Type	Slim DLED	Brightness (typical)	700 cd/m ²
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)	1428.5 (H) × 803.5 (V) mm
Viewing Angle	178° Vert., 178° Hor. (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
GPU	ARM Mali-G31 MP2	Wired	10/100/1000 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 Output Headphone, Optic SPDIF External Control RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)

External Sensor RJ12

Mechanical

Product Dimensions (WxDxH)	1456 x 74 x 834 mm	Package Dimensions (WxDxH)	1650 x 190 x 997 mm
Product Weight	24.7 kg	Package Weight	34.75 kg
Vesa Mounting	600 (W) x 400 (H) mm M6	Bezel Width	B: 14 mm, T/L/R: 10 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
 194 W
 Maximum
 220 W

 Deep Standby
 ≤0.5 W

Joystick, Rocker Switch, Detachable

Power Cable, Detachable Logo,

Internal USB Cover



Features

HTML5 CMS Launcher, Android CMS Launcher, Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-

 ${\sf CEC, HDMI\text{-}Wakeup, Auto-switch}\ on$

Mechanical Features

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

Speaker 2x10 W

Accessory

Standard

Main Features

QSG, IB, Power cord, Remote control

unit, RC battery, Mounting kit, IR

extender cable

Certification

Safety Yes EMC Yes

CE Yes



Assured Systems

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