

Model PR50D-4H

Display

Screen Size 50"
Panel Technology VA
Backlight Type Slim DLED
Brightness (typical) 700 cd/m²
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

Rear I/Os

Video Input 4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0
Video Output 1xHDMI2.0
Audio Output Headphone, Optic SPDIF
External Control RS232 (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
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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 Sup Real Time Clock, Crestron Connected, SNMP
Mechanical Features	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal US
Speaker	2x10 W

Accessory

Standard	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extende
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Certification

Safety	Yes
EMC	Yes
CE	Yes