

Prime+ Series

Digital Signage Displays
2022-2023

VESTEL

www.vestelvisualsolutions.com



COFFEE

- ESPRESSO
- AMERICANO
- CAPPUCCINO
- ESPRESSO
- MOCHA

It's time FOR Coffee

HOT DRINKS *Yummy!*

- HOT CHOCOLATE
- GREEN TEA
- VANILLA
- WHITE

MINI BITES *Best CUISINE*



- VEGGIE TOAST
- SALMON PANINI
- FRENCH TOAST

INCREDIBLY DELICIOUS FOOD



Talaya
Special
Lunch
Cream Tea
\$16.80




 700 cd/m²

 24/7 support

UHD Resolution with 700 cd/m² of Brightness

UHD resolution provides a super crisp image quality, along with a 700 cd/m² of brightness to ensure vibrant and colorful content even in locations with high ambient light levels.




 500 cd/m²


 24/7 support


 16/7 support

UHD Resolution with 500 cd/m² of Brightness

Prime+ Series has additional model options that include either 16/7 or 24/7 operation hours, along with 500 cd/m² of brightness.


 HDR 10
 +
 
 4K 60Hz



QLED & Wide Color Gamut Display Technologies

Prime+ Series includes QLED and Wide Color Gamut (WCG) options. With these technologies, the displays bring an even greater array of colors to the table and increase the quality of reproduction of colors.

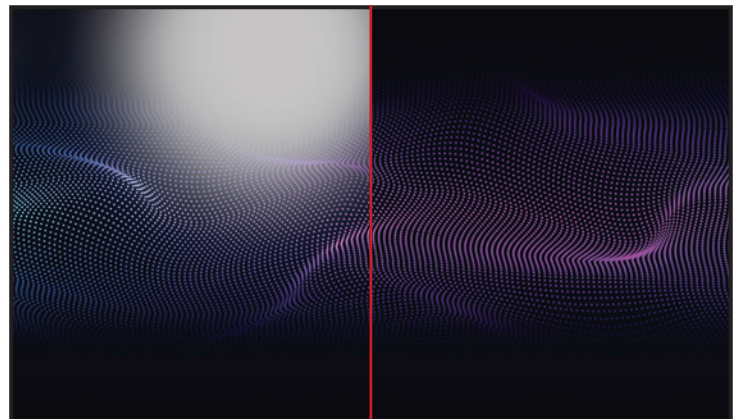
Primary colors such as red, green and blue are deeper, and secondary colors such as magenta, cyan and yellow are much more richer.

Prime+ Series with QLED & WCG options provides the best color performance.

High Haze Panels

The surface of digital signage displays provides a visual connection among the screen and the viewer. A matte finish on the screen surface allows to scatter environmental light, instead of reflecting it to the viewer.

Anti-reflective high haze panels are now available with Prime+ Series, for both 500 cd/m² and 700 cd/m² displays.



Low Haze

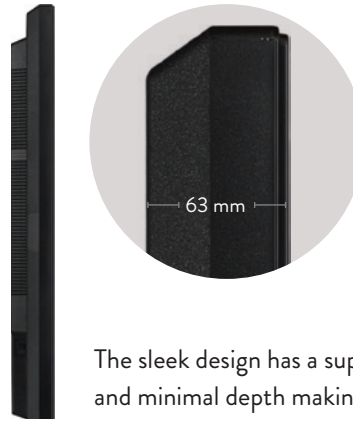
High Haze

Design Features

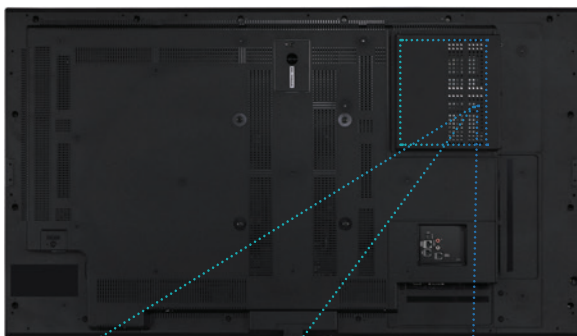
Prime+ Series is available in screen sizes of 43", 50", 55" and 65".

Slim Design with DLED Technology

Prime+ Series is the perfect combination of style and value. DLED backlight technology combined with specialized cabinet design, provides a slim depth of 63mm. With their slim design, Prime+ Series displays are ADA compliant.



The sleek design has a super slim bezel, flat sides and minimal depth making it adaptable to almost any installation location, and can be mounted in either landscape or portrait orientations.



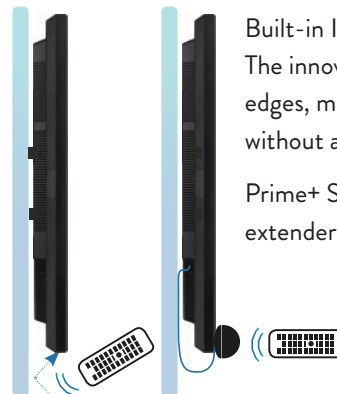
OPS, SDM or Intel NUC Module Support Option

Prime+ Series can be easily upgraded, as the design can accommodate either OPS or SDM modules, without any need of additional power or video cables.

Prime+ Series is designed to ease the usage of Intel NUC devices. These devices can be easily mounted to the back of Prime+ Series displays.



Built-in IR and IR Extender Options



Built-in IR is safely hidden behind the front bezel. The innovative design, along with perfectly flat bezel edges, means the displays can be aligned together without any interference or unsightly gaps.

Prime+ Series also provides IR extender option.

Built-in IR IR extender



30° Tilting Installation

Prime+ Series can be mounted at up to 30° angle. This versatility means that the displays can be viewed more easily when mounted in high locations, for applications such as QSR menu boards, or flight information monitors.

* Third-party wall mount kits can be used for tilting installation.



Dust Protection

The IP5X certification guarantees that Prime+ Series displays are completely protected from dust. Displays are suitable in semi-outdoor platforms, such as train/metro stations, by eliminating the harm of dusty environments.

Prime+ Series is now IP5X-certified* for the sizes of 50", 55", and 65".

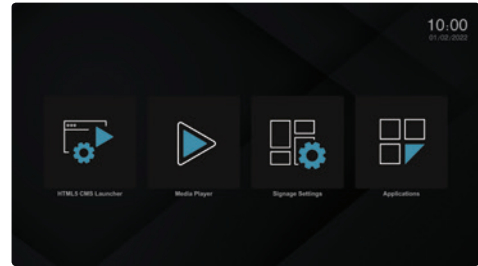
* Optional

Software Features



Android System-on-Chip

Android-powered Prime+ Series is suitable for many Content Management Software (CMS) applications. Any third-party Android application can easily be installed and launched.



Customizable User Interface

Vestel provides a customizable user interface design. The background picture, icons and colours can be changed based on the user needs.



Built-in APIs for web application

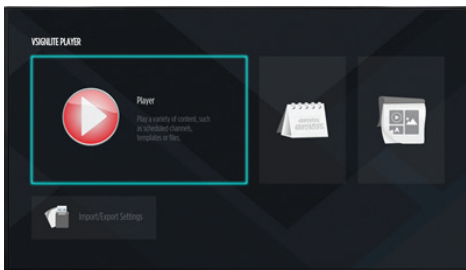
HTML5 CMS Launcher

SoC is designed to run HTML5-based CMS applications on the embedded browser. Applications can be installed from a URL or USB stick to the internal storage, using HTML5 CMS Launcher.



Auto Launch

Displays have auto launch features which allow end customer to automatically present content by any source such as HDMI, DP, Type-C or OPS, HTML5 CMS Launcher or any third party Android application.



Embedded CMS


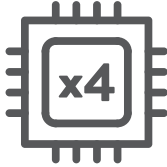




Embedded content management software supports playback library, ready templates, and scheduler. With its simple and intuitive menus and layout options, it is effective for small and medium enterprises.



Device Management through RS232/LAN

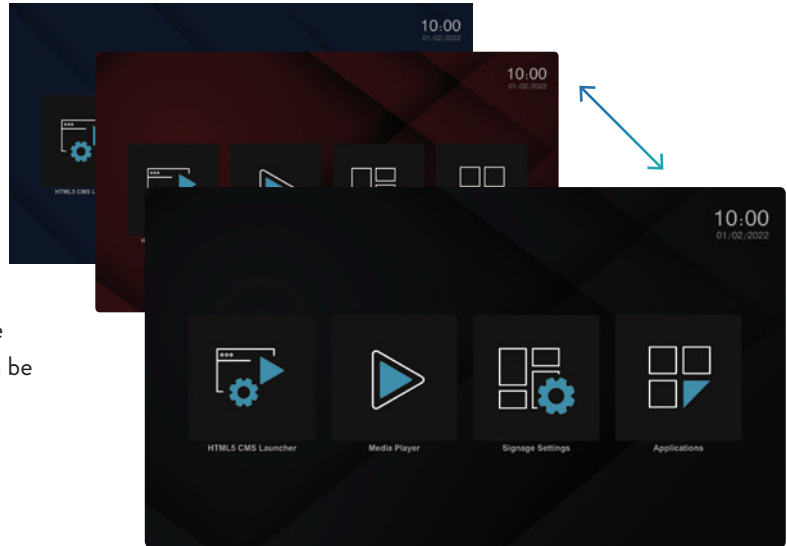
Displays can be managed using the wide range of commands through serial port or local area network.

Powerful System on Chip

					
Customized Android 9 OS	Quad Core CPU	Enhanced Graphics	2/4 GB DDR4 Options	16/64 GB eMMC Options	WiFi 5 Gbit Ethernet BT 5.1

Customizable User Interface

Prime+ Series provides a customizable user interface design. The background picture, icons and colors can be changed based on the customer needs.



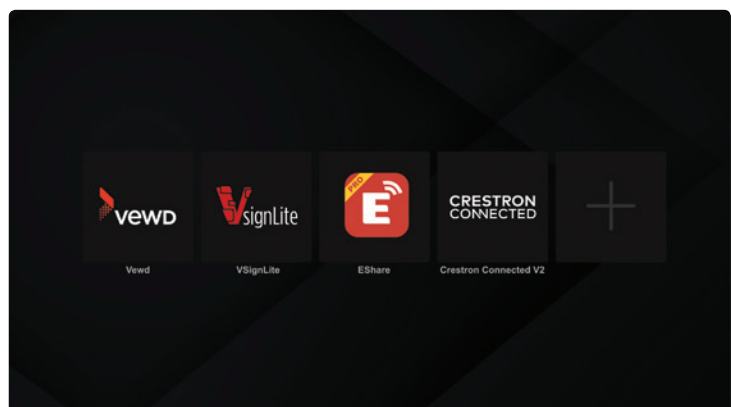
HTML5 CMS Launcher



HTML5-based CMS applications can be installed from a URL or USB stick to the internal storage, using HTML5 CMS Launcher.

Applications

Prime+ Series provides versatility with a wide-range of pre-installed applications such as Vewd for displaying the web content, VSignLite as a local CMS, EShare* for screen-sharing, and Crestron Connected V2 for connecting to other certified A/V equipments. Third-party applications can be easily installed using USB sticks.



* Optional

Prime+ Series

43"/50"/55"/65"

1. Micro USB
2. HDMI OUT
3. HDMI IN 1
4. Display Port*
5. HP
6. IR IN
7. HDMI IN 4
8. HDMI IN 3
9. HDMI IN 2
10. OPTICAL SPDIF
11. RJ12-SENSORS
12. RJ12
13. Micro SD
14. RS232 (3.5 mm jack)
15. RJ45 (Gbit ethernet)
16. USB-C 3.0*
17. USB-A 3.0
18. USB-A 2.0
19. USB-A 2.0 (secure)
20. OPS/SDM Slot*



KEY SERIES FEATURES

- 4K HDMI @60Hz
- Display Control
- Scheduler
- USB Auto-Play
- USB Cloning
- USB Operations
- USB Information
- USB Safe Eject
- Auto-Launch
- Boot-up Picture
- Brightness Scheduling
- Sensor Compatibility
- 30° Tilting Installation
- Detachable Logo
- Detachable Power Cord
- OSD Rotation
- Pixel Shifting
- Signal Failover
- Input Search
- IP Streaming Support
- Playlist Creation
- SoC Content Management
- HTML5 API Support
- HDMI Wakeup
- HDMI Switching
- HDMI CEC
- HDMI Auto-Switch
- Improved UI
- Color Calibration(VW)
- Professional Design
- Built-in WiFi
- Built-in Bluetooth
- Longer Life Span
- OPS/SDM support options
- Touch Support
- USB Secure Cover
- Carrying Handles
- IR Extender
- Hidden Embedded IR Option
- Button Lock
- RCU Lock
- Menu Lock
- Device ID
- Display Lifetime
- Serial Number
- Software Upgrade
- Start Url
- OPS/SDM Status
- OPS/SDM Power Control
- Power-up Mode
- Power on Delay
- Videowall Settings
- Daisychain
- Volume Limit
- Startup Volume
- Headphone Volume

Specifications

PR Series

Model	PR43D-4H	PR50D-4H	PR55D-4H	PR65D-4H
Panel				
Screen Size	43"	50"	55"	65"
Backlight Type	Slim DLED	Slim DLED	Slim DLED	Slim DLED
Cell Technology	ADS	VA	ADS	ADS
Brightness (typical)	700 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²
Color Gamut	72% NTSC	72% NTSC	72% NTSC	72% NTSC
Native Resolution	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1 (typ.)	5000:1 (typ.)	1200:1 (typ.)	1200:1 (typ.)
Dynamic Contrast Ratio	70000:1	70000:1	70000:1	70000:1
Panel Life Time	30000 Hrs	30000 Hrs	30000 Hrs	30000 Hrs
Response Time (typical)	8 ms	9.5 ms	8 ms	8 ms
Active Area (H x V)	941.1 (H) x 529.4 (V) mm	1095.8 (H) x 616.4 (V) mm	1209.6 (H) x 680.4 (V) mm	1428.5 (H) x 803.5 (V) mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07G (8bits + FRC)	1.07B	1.07G (8bits + FRC)	1.07G (8bits + FRC)
Haze Level	1%	3%	1%	1%
Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
Operation Hours	24 / 7	24 / 7	24 / 7	24 / 7
Area of Usage	Indoor	Indoor	Indoor	Indoor
Mainboard				
Mainboard Model	17MB400VS	17MB400VS	17MB400VS	17MB400VS
OS	Android 9	Android 9	Android 9	Android 9
Memory	2 GB DDR4	2 GB DDR4	2 GB DDR4	2 GB DDR4
Storage	16 GB eMMC	16 GB eMMC	16 GB eMMC	16 GB eMMC
Additional Storage	Micro SD (up to 1TB)	Micro SD (up to 1TB)	Micro SD (up to 1TB)	Micro SD (up to 1TB)
CPU	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55
GPU	ARM Mali-G31 MP2	ARM Mali-G31 MP2	ARM Mali-G31 MP2	ARM Mali-G31 MP2
Wired	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet
WiFi	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)
HTML5 Browser	Vewd	Vewd	Vewd	Vewd
Monitor Connectivity				
Video Input	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0 (Internal), 1x Micro USB
Video Output	1xHDMI2.0	1xHDMI2.0	1xHDMI2.0	1xHDMI2.0
Audio Output	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF
External Control	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)
External Sensor	RJ12	RJ12	RJ12	RJ12
Mechanical				
Product Dimensions (WxDxH)	963 x 83 x 555 mm	1121 x 83 x 646 mm	1236 x 83 x 709 mm	1456 x 96 x 834 mm
Package Dimensions (WxDxH)	1050 x 178 x 718 mm	1215 x 165 x 775 mm	1369 x 165 x 874 mm	1650 x 190 x 997 mm
Product Weight	10.4 kg	12.8 kg	17.25 kg	24.4 kg
Package Weight	14.8 kg	16.8 kg	22 kg	31.25 kg
Vesa Mounting	200 (W) x 200 (H) mm M6	200 (W) x 200 (H) mm M6	400 (W) x 200 (H) mm M6	600 (W) x 400 (H) mm M6
Bezel Width (T/L/R/B)	B: 9 mm, T/L/R: 6 mm	B: 13 mm, T/L/R: 9 mm	B: 11 mm, T/L/R: 9 mm	B: 14 mm, T/L/R: 10 mm
Environmental Conditions				
Operating Temperature	0-40°C	0-40°C	0-40°C	0-40°C
Operating Humidity	10-90%	10-90%	10-90%	10-90%
Power				
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
Power Consumption				
Typical	127 W	121 W	138 W	194 W
Maximum	160 W	160 W	180 W	220 W
Deep Standby	≤0.5 W	≤0.5 W	≤0.5 W	≤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	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	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	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	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover
Speaker	2x8 W	2x10 W	2x10 W	2x10 W
Accessory				
Standard	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable
Certification				
Safety	Yes	Yes	Yes	Yes
EMC	Yes	Yes	Yes	Yes
CE	Yes	Yes	Yes	Yes

Specifications

PN Series

Model	PN43D-4H	PN50D-4H	PN55D-4H	PN65D-4H
Panel				
Screen Size	43"	50"	55"	65"
Backlight Type	Slim DLED	Slim DLED	Slim DLED	Slim DLED
Cell Technology	ADS	VA	ADS	ADS
Brightness (typical)	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²
Color Gamut	72% NTSC	72% NTSC	72% NTSC	72% NTSC
Native Resolution	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1 (typ.)	5000:1 (typ.)	1200:1 (typ.)	1200:1 (typ.)
Dynamic Contrast Ratio	50000:1	50000:1	50000:1	50000:1
Panel Life Time	30000 Hrs	30000 Hrs	30000 Hrs	30000 Hrs
Response Time (typical)	8 ms	9.5 ms	8 ms	8 ms
Active Area (H x V)	941.1 (H) x 529.4 (V) mm	1095.8 (H) x 616.4 (V) mm	1209.6 (H) x 680.4 (V) mm	1428.5 (H) x 803.5 (V) mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07G (8bits + FRC)	1.07B	1.07G (8bits + FRC)	1.07G (8bits + FRC)
Haze Level	1%	3%	1%	1%
Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
Operation Hours	24 / 7	24 / 7	24 / 7	24 / 7
Area of Usage	Indoor	Indoor	Indoor	Indoor
Mainboard				
Mainboard Model	17MB400VS	17MB400VS	17MB400VS	17MB400VS
OS	Android 9	Android 9	Android 9	Android 9
Memory	2 GB DDR4	2 GB DDR4	2 GB DDR4	2 GB DDR4
Storage	16 GB eMMC	16 GB eMMC	16 GB eMMC	16 GB eMMC
Additional Storage	Micro SD (up to 1TB)	Micro SD (up to 1TB)	Micro SD (up to 1TB)	Micro SD (up to 1TB)
CPU	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55
GPU	ARM Mali-G31 MP2	ARM Mali-G31 MP2	ARM Mali-G31 MP2	ARM Mali-G31 MP2
Wired	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet
WiFi	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)
HTML5 Browser	Vewd	Vewd	Vewd	Vewd
Monitor Connectivity				
Video Input	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	4xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB
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Mechanical				
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Environmental Conditions				
Operating Temperature	0-40°C	0-40°C	0-40°C	0-40°C
Operating Humidity	10-90%	10-90%	10-90%	10-90%
Power				
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
Power Consumption				
Typical	127 W	121 W	138 W	194 W
Maximum	160 W	160 W	180 W	220 W
Deep Standby	≤0.5 W	≤0.5 W	≤0.5 W	≤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	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	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	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	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover
Speaker	2x8 W	2x10 W	2x10 W	2x10 W
Accessory				
Standard	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable
Certification				
Safety	Yes	Yes	Yes	Yes
EMC	Yes	Yes	Yes	Yes
CE	Yes	Yes	Yes	Yes

Specifications

PF Series

Model	PF43D-2H	PF50D-2H	PF55D-2H	PF65D-2H
Panel				
Screen Size	43"	50"	55"	65"
Backlight Type	Slim DLED	Slim DLED	Slim DLED	Slim DLED
Cell Technology	ADS	VA	ADS	ADS
Brightness (typical)	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²
Color Gamut	72% NTSC	72% NTSC	72% NTSC	72% NTSC
Native Resolution	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1 (typ.)	5000:1 (typ.)	1200:1 (typ.)	1200:1 (typ.)
Dynamic Contrast Ratio	50000:1	50000:1	50000:1	50000:1
Panel Life Time	30000 Hrs	30000 Hrs	30000 Hrs	30000 Hrs
Response Time (typical)	8 ms	9.5 ms	8 ms	8 ms
Active Area (H x V)	941.1 (H) x 529.4 (V) mm	1095.8 (H) x 616.4 (V) mm	1209.6 (H) x 680.4 (V) mm	1428.5 (H) x 803.5 (V) mm
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07G (8bits + FRC)	1.07B	1.07G (8bits + FRC)	1.07G (8bits + FRC)
Haze Level	1%	3%	1%	1%
Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
Orientation	Landscape	Landscape	Landscape	Landscape
Operation Hours	16/7	16/7	16/7	16/7
Area of Usage	Indoor	Indoor	Indoor	Indoor
Mainboard				
Mainboard Model	17MB400VS	17MB400VS	17MB400VS	17MB400VS
OS	Android 9	Android 9	Android 9	Android 9
Memory	2 GB DDR4	2 GB DDR4	2 GB DDR4	2 GB DDR4
Storage	16 GB eMMC	16 GB eMMC	16 GB eMMC	16 GB eMMC
Additional Storage	Micro SD (up to 1TB)	Micro SD (up to 1TB)	Micro SD (up to 1TB)	Micro SD (up to 1TB)
CPU	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55	Quad-Core ARM Cortex-A55
GPU	ARM Mali-G31 MP2	ARM Mali-G31 MP2	ARM Mali-G31 MP2	ARM Mali-G31 MP2
Wired	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet	10/100/1000 Mbps Ethernet
WiFi	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)	WiFi 5 (802.11 a/b/g/n/ac)
HTML5 Browser	Vewd	Vewd	Vewd	Vewd
Monitor Connectivity				
Video Input	2xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	2xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	2xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB	2xHDMI2.0, 1xUSB-A 3.0, 1xUSB-A 2.0, 1xUSB-A 2.0 (Internal), 1x Micro USB
Video Output	1xHDMI2.0	1xHDMI2.0	1xHDMI2.0	1xHDMI2.0
Audio Output	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF
External Control	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)	RS232 (3.5mm jack green), Gigabit Ethernet (RJ45), Service (RJ12)
External Sensor	RJ12	RJ12	RJ12	RJ12
Mechanical				
Product Dimensions (WxDxH)	963 x 83 x 555 mm	1121 x 83 x 646 mm	1236 x 83 x 709 mm	1456 x 96 x 834 mm
Package Dimensions (WxDxH)	1050 x 178 x 718 mm	1215 x 165 x 775 mm	1369 x 165 x 874 mm	1650 x 190 x 997 mm
Product Weight	10.4 kg	12.8 kg	17.25 kg	24.4 kg
Package Weight	14.8 kg	16.8 kg	22 kg	31.25 kg
Vesa Mounting	200 (W) x 200 (H) mm M6	200 (W) x 200 (H) mm M6	400 (W) x 200 (H) mm M6	600 (W) x 400 (H) mm M6
Bezel Width (T/L/R/B)	B: 9 mm, T/L/R: 6 mm	B: 13 mm, T/L/R: 9 mm	B: 11 mm, T/L/R: 9 mm	B: 14 mm, T/L/R: 10 mm
Environmental Conditions				
Operating Temperature	0-40°C	0-40°C	0-40°C	0-40°C
Operating Humidity	10-90%	10-90%	10-90%	10-90%
Power				
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
Power Consumption				
Typical	127 W	121 W	138 W	194 W
Maximum	160 W	160 W	180 W	220 W
Deep Standby	≤0.5 W	≤0.5 W	≤0.5 W	≤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	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	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	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	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover	Joystick, Rocker Switch, Detachable Power Cable, Detachable Logo, Internal USB Cover
Speaker	2x8 W	2x10 W	2x10 W	2x10 W
Accessory				
Standard	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable	QSG, IB, Power cord, Remote control unit, RC battery, Mounting kit, IR extender cable
Certification				
Safety	Yes	Yes	Yes	Yes
EMC	Yes	Yes	Yes	Yes
CE	Yes	Yes	Yes	Yes

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