

PD-Series LED-backlit Display 55" | 49" | 42"

The Right Building Blocks for Your Video Wall



Built for digital signage, the PD-Series features a 6.5mm narrow bezel and a full slate of inputs including HDMI with HDCP, DisplayPort 1.2 for 4K 2x2 video wall setups, and RS-232 and RJ45 ports for remote and network-based control. The displays also include other signage-friendly features such as landscape and portrait modes, scheduling capabilities, and a switch-on delay mechanism for use in video walls. Furthermore, the PD-Series also fits for security control room usages with its premium-grade panel and 24/7 design.



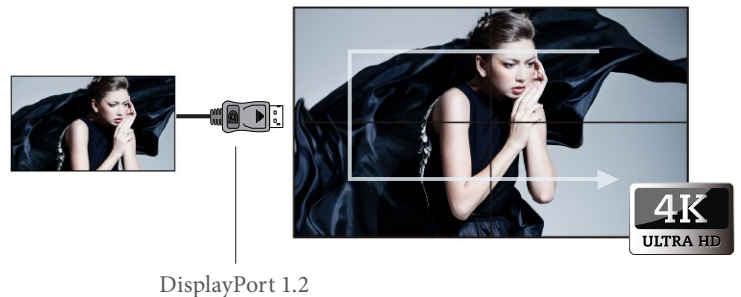


High Visibility

The PD-Series offers pristine images that maximize visibility, making videos shown on the display stand out in any setting. The 700 nits high brightness, 10 bit color depth, and 5 ms response time ensure life-like visuals, all complemented by a 178-degree viewing angle that allows the display to be seen by all.

Ideal for Video Walls

The PD-Series is an excellent choice for video walls with a variety of features, which make installation and setup convenient including DisplayPort 1.2 support for easy 4K 2x2 video wall setup, a switch-on delay mechanism, a logo-free design, and a premium-grade panel for 24/7 operation.

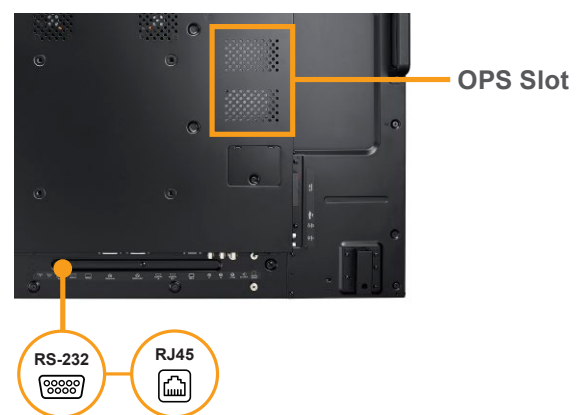


Simple Content Scheduling

The embedded USB media player allows users to conveniently play content from a USB drive. Simply create scheduled playlists and configure playback settings with the included remote control to display your personalized content.

Easy Control for Large-Scale Digital Signage

Its built-in scheduler and OPS slot are complemented by IR / RS-232 looping and Ethernet control capabilities to easily control, setup and maintain large-scale digital signage video walls installations.



Features

- Full HD 1920 x 1080 resolution
- 700 nits high brightness panel offers clear images in bright ambient light areas
- Anti-Burn-in™ technology prevents image ghosting
- Durable metal housing
- 6.5mm narrow bezel width for professional LCD video walls
- DisplayPort 1.2 Multistream functionality allows for 4K UHD resolution across a 2x2 video wall
- Image Enhancer: 3D Comb Filter / Deinterlace / Noise Reduction
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA, Component/Composite
- Built-in USB media player for simple signage content delivery
- An integrated scheduler allows content programming based on source, time and day

- DMR function; play media shared over a local network
- Alink™ function for synchronized powering on/off via HDMI
- RS232/LAN/IR control - provides compatibility with control systems
- Native tiling support for easy video wall setup (up to 5 x 5)
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises
- Selectable gamma curves optimise different kinds of images
- OPS slot ready for easy IPC, media player or HDBaseT receiver integration
- Premium-grade panel for high reliability and long product lifetime
- Rigorous screening of the components for mission-critical 24/7 applications



Specifications

PD-55

PD-49

PD-42

Panel	Panel Type	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)
	Panel Size	54.6"	48.5"	41.9"
	Max. Resolution	FHD 1920 x 1080	FHD 1920 x 1080	FHD 1920 x 1080
	Pixel Pitch	0.630 mm	0.559 mm	0.483 mm
	Brightness	700 cd/m ²	700 cd/m ²	700 cd/m ²
	Contrast Ratio	1300:1	1300:1	1300:1
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Display Colour	1.07B	1.07B	1.07B
	Response Time	5 ms	5 ms	5 ms
Frequency (H/V)	H Freq. V Freq.	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz
Input	DisplayPort HDMI DVI VGA Component Composite	1.2 x 1 1.3b x 2 24-Pin DVI-D x 1 15-Pin D-Sub x 1 BNC x 1 BNC x 1	1.2 x 1 1.3b x 2 24-Pin DVI-D x 1 15-Pin D-Sub x 1 BNC x 1 BNC x 1	1.2 x 1 1.3b x 2 24-Pin DVI-D x 1 15-Pin D-Sub x 1 BNC x 1 BNC x 1
Output	DisplayPort VGA/ DVI/ HDMI	1.2 x 1 29-Pin DVI-I x 1	1.2 x 1 29-Pin DVI-I x 1	1.2 x 1 29-Pin DVI-I x 1
External Control	IR in/out RS232 in/out LAN (RJ45)	3.5 mm phone jack 2.5 mm phone jack Yes	3.5 mm phone jack 2.5 mm phone jack Yes	3.5 mm phone jack 2.5 mm phone jack Yes
Other Connectivity	OPS Slot	Yes	Yes	Yes
Audio	Audio In Audio Out Internal Speakers Speaker Output (RMS)	Stereo Audio Jack (3.5 mm) Stereo Audio Jack (RCA) Stereo Audio Jack (3.5 mm) 10W x 2 10W x 2	Stereo Audio Jack (3.5 mm) Stereo Audio Jack (RCA) Stereo Audio Jack (3.5 mm) 10W x 2 10W x 2	Stereo Audio Jack (3.5 mm) Stereo Audio Jack (RCA) Stereo Audio Jack (3.5 mm) 10W x 2 10W x 2
Power	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	Internal AC 100-240V, 50/60 Hz 148W (On) < 0.5W < 0.5W	Internal AC 100-240V, 50/60 Hz 131W (On) < 0.5W < 0.5W	Internal AC 100-240V, 50/60 Hz 118W (On) < 0.5W < 0.5W
Operating Conditions	Temperature Humidity	0°C-40°C (32°F-104°F) 20%-80% (non-condensing)	0°C-40°C (32°F-104°F) 20%-80% (non-condensing)	0°C-40°C (32°F-104°F) 20%-80% (non-condensing)
Storage Conditions	Temperature Humidity	-20°C-60°C (-4°F-140°F) 5%-90% (non-condensing)	-20°C-60°C (-4°F-140°F) 5%-90% (non-condensing)	-20°C-60°C (-4°F-140°F) 5%-90% (non-condensing)
Mounting	VESA FPM/PMI	Yes (400 x 400 mm)	Yes (400 x 400 mm)	Yes (200 x 200 mm)
Security	Kensington Security Slot	Yes	Yes	Yes
Dimensions	w/o Base (W x H x D) Packaging (W x H x D)	1228.6 x 699.4 x 71.1 mm (48.4" x 27.5" x 2.8") 1444.0 x 922.0 x 223.0 mm (56.9" x 36.3" x 8.8")	1092.8 x 623.0 x 71.1 mm (43.0" x 24.5" x 2.8") 1308.0 x 846.0 x 203.0 mm (51.5" x 33.3" x 8.0")	946.9 x 541.0 x 71.1 mm (37.3" x 21.3" x 2.8") 1123.0 x 743.0 x 203.0 mm (44.2" x 29.3" x 8.0")
Weight	w/o Base Packaging	24.7 kg (54.5 lb) 31.2 kg (68.8 lb)	19.0 kg (41.9 lb) 25.0 kg (55.1 lb)	15.3 kg (33.7 lb) 19.6 kg (43.2 lb)
Regulation Approval	Certification & Compliance	CE, CB, FCC, REACH, WEEE, RoHS, EAC	CE, CB, BSMI, REACH, WEEE, RoHS, EAC	FCC, CE, CB, BSMI, REACH, WEEE, RoHS, EAC
Accessories	Supplied	Power Cord, VGA Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, Quick Start Guide	Power Cord, VGA Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, Quick Start Guide	Power Cord, VGA Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, Quick Start Guide
Optional Accessories		Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounts: VWM-01, VWM-02 Wall Mount: WMA-01 Stand: STD-04 Ceiling Mount (Landscape only): CMP-01 + LMK-01 Wall Mounts (Landscape only): LMK-01, LMK-03 Floor Mounts (Landscape only): FMC-03 + LMK-04, FMC-04 + LMK-04	Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounts: VWM-01, VWM-02 Wall Mount: WMA-01 Stand: STD-04 Ceiling Mount (Landscape only): CMP-01 + LMK-01 Wall Mounts (Landscape only): LMK-01, LMK-03	Floor Mounts: FMS-01, FMS-02, FMC-02 Ceiling Mounts: CMP-01+ LMK-02, CMP-01+ WMK-03 Wall Mounts: LMA-01, WMA-01 Stand: STD-04 Ceiling Mount (Landscape only): CMP-01 + LMK-01 Wall Mounts (Landscape only): LMK-01, LMK-02, LMK-03, WMK-03

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