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

The Right
Building Blocks
for Your Video Wall

Anti-Burn-in™   ON DUTY 24/7   OPS

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.
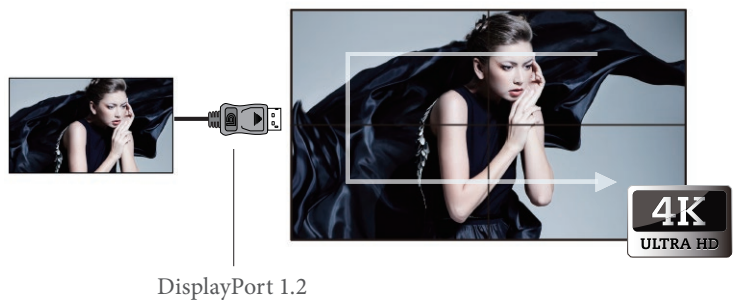
Full HD
700 nits

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.
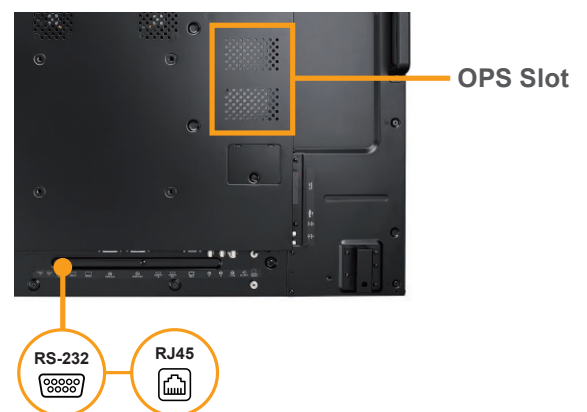

4K ULTRA HD

DisplayPort 1.2

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.

OPS Slot

RS-232   **RJ45**

Features

- LED-backlit technology with 1920 x 1080 Full HD resolution
- 6.5mm narrow bezel, 57mm slim depth design for digital signage applications
- Tiling function for easy video wall setup (supports up to 10 x 10)
- Versatile connectivity: DisplayPort in/out, HDMI in/out, DVI in/out, VGA in/out, Composite/Component
- RJ45, RS-232 in/out and IR in/out allow network-based and remote control
- Scheduled-based content playback based on time and day
- DLNA support to access media files over a network

- USB media playback
- OPS slot for easy digital signage player integration
- Premium-grade panel for high reliability and long product lifetime
- Anti-Burn-in™ technology
- Designed for 24/7 operation
- HeatControl sensors automatically activate the internal cooling fans
- Durable metal housing design

Specifications		PD-55	PD-49	PD-42
Panel	Panel Type	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	Panel Size	54.6"	48.5"	41.9"
	Max. Resolution	FHD 1920 x 1080	FHD 1920 x 1080	FHD 1920 x 1080
	Pixel Pitch	0.63 mm	0.5593 mm	0.4833 mm
	Brightness	700 cd/m²	700 cd/m²	700 cd/m²
	Contrast Ratio	1300:1	1300:1	1300:1
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Disply Colour	1.07 B	1.07 B	1.07 B
	Response Time	5 ms	5 ms	5 ms
Frequency (H/V)	H Freq.	31 kHz - 92 kHz	31 kHz - 92 kHz	31 kHz - 92 kHz
	V Freq.	48 Hz - 85 Hz	48 Hz - 85 Hz	48 Hz - 85 Hz
Input	VGA	15-Pin D-sub x 1	15-Pin D-sub x 1	15-Pin D-sub x 1
	DVI	24-Pin DVI-D x 1	24-Pin DVI-D x 1	24-Pin DVI-D x 1
	HDMI	HDMI 1.3b x 2	HDMI 1.3b x 2	HDMI 1.3b x 2
	DisplayPort	DisplayPort 1.2 x 1	DisplayPort 1.2 x 1	DisplayPort 1.2 x 1
	Composite	BNC x 1	BNC x 1	BNC x 1
	Component (YPbPr)	BNC x 1	BNC x 1	BNC x 1
	USB	USB 2.0 x 1 (Service Port / Media Playback)	USB 2.0 x 1 (Service Port / Media Playback)	USB 2.0 x 1 (Service Port / Media Playback)
Output	VGA/ DVI/ HDMI	29-Pin DVI-I x 1	29-Pin DVI-I x 1	29-Pin DVI-I x 1
	DisplayPort	DisplayPort 1.2 x 1	DisplayPort 1.2 x 1	DisplayPort 1.2 x 1
External Control	RS-232 in/out	2.5 mm phone jack x 2	2.5 mm phone jack x 2	2.5 mm phone jack x 2
	IR in/out	3.5 mm phone jack x 2	3.5 mm phone jack x 2	3.5 mm phone jack x 2
	RJ45	RJ45	RJ45	RJ45
Audio	Audio In	Stereo audio jack for PC (3.5 mm) x 1 Stereo audio for video (RCA) x 1	Stereo audio jack for PC (3.5 mm) x 1 Stereo audio for video (RCA) x 1	Stereo audio jack for PC (3.5 mm) x 1 Stereo audio for video (RCA) x 1
	Audio Out	Stereo audio jack (3.5 mm) x 1	Stereo audio jack (3.5 mm) x 1	Stereo audio jack (3.5 mm) x 1
	Internal Speaker	10 W x 2	10 W x 2	10 W x 2
	External Speaker	Jack with push button to switch internal / external	Jack with push button to switch internal / external	Jack with push button to switch internal / external
Other Connectivity	OPS Slot	Yes	Yes	Yes
Power	Power Supply	Internal	Internal	Internal
	Power Requirement	AC 110~240 V	AC 110~240 V	AC 110~240 V
	Consumption	< 148 W (On)	< 131 W (On)	< 118 W (On)
	Stand By	< 0.5 W (Stand-by/Off)	< 0.5 W (Stand-by/Off)	< 0.5 W (Stand-by/Off)
Operating Conditions	Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
	Humidity	20%~80% (No condensation)	20%~80% (No condensation)	20%~80% (No condensation)
Storage Conditions	Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	5%~90% (No condensation)	5%~90% (No condensation)	5%~90% (No condensation)
Mounting	VESA FPMPMI	Yes (400 x 400 mm)	Yes (400 x 400 mm)	Yes (200 x 200 mm)
Dimensions	Product with handle (W x H x D)	1228.6 x 699.4 x 71.1 mm (48.4" x 27.5" x 2.8")	1092.3 x 622.5 x 71.1 mm (43.0" x 24.5" x 2.8")	946.9 x 541.0 x 71.1 mm (37.3" x 21.3" x 2.8")
	Packaging (W x H x D)	1444.0 x 922.0 x 223.0 mm (56.9" x 36.3" x 8.8")	1308.0 x 846.0 x 203.0 mm (51.5" x 33.3" x 8.0")	1123.0 x 743.0 x 203.0 mm (44.2" x 29.3" x 8.0")
Weight	w/o base	24.7 kg (54.5 lb)	19.0 kg (41.9 lb)	15.3 kg (33.7 lb)
	Packaging	31.2 kg (68.8 lb)	24.9 kg (54.9 lb)	19.6 kg (43.2 lb)
Regulation Approval	Certification & Compliance	CE, REACH, WEEE, RoHS, CB, FCC	CE, REACH, WEEE, RoHS, CB	CE, REACH, WEEE, RoHS, CB, FCC, BSMI
Accessories	Supplied	Quick Start Guide, Power Cord, RS-232 Cable, VGA Cable, Daisy Chain Cable, Remote Control	Quick Start Guide, Power Cord, RS-232 Cable, VGA Cable, Daisy Chain Cable, Remote Control	Quick Start Guide, Power Cord, RS-232 Cable, VGA Cable, Daisy Chain Cable, Remote Control
Optional Accessories		Ceiling Mount: CMP-01+LMK-01 (Landscape only) Wall Mount: LMK-01, LMK-03 Wall Mount Arm: LMA-01 Stand Base: STD-04	Ceiling Mount: CMP-01+LMK-01 (Landscape only) Wall Mount: LMK-01, LMK-03 Wall Mount Arm: LMA-01 Stand Base: STD-04	Ceiling Mount: CMP-01+LMK-02 Wall Mount: LMK-01, LMK-02, WMK-03, WMA-01 Wall Mount Arm: LMA-01 Stand Base: STD-04

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