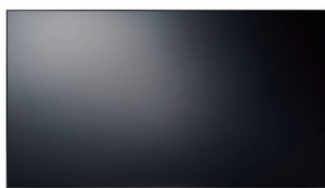


PN-Series LED-backlit Display 55" | 46"



The PN-Series ultra slim bezel displays are designed for professional video wall applications. Given its built-in scheduler, OPS slot and tiling function, these premium displays are easy to setup and maintain. With its up to 700 nits* of brightness and premium-grade panel, visually stunning video walls can be displayed in demanding environments — from large public venues to 24/7 operation control rooms.



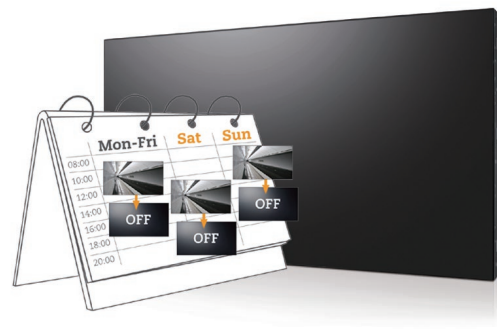


Professional Video Walls

46" super narrow bezel 4.9mm and 55" ultra slim bezel 3.5mm professional video wall displays create seamless images for an uninterrupted visual experience. For a complete video wall setup, up to 10x10 tiling is supported via DisplayPort* and DVI interfaces.

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.

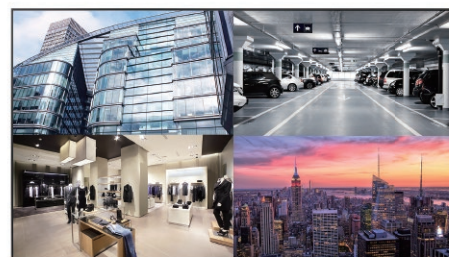


High Visibility, Low Power Consumption

High contrast, wide viewing angles and up to 700 nits* of brightness give you images with superior clarity while the EcoSmart sensor* detects ambient lighting conditions to automatically adjust the brightness level and reduce power consumption.

Industry-leading Reliability

Designed for 24/7 operation, these durable metal-housed displays take advantage of superior components to ensure a long product lifetime. Its integrated HeatControl* sensors automatically activate the internal cooling fans, which is crucial when the temperature rises in mission-critical installations.

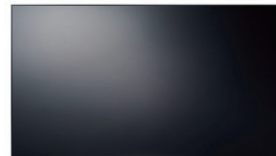
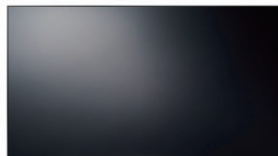


Features

- LED-backlit technology with 1920 x 1080 Full HD resolution
- Versatile connectivity: DisplayPort, HDMI, DVI, CVBS, Component*, S-Video*
- Scheduled-based content playback based on time and day
- DLNA support to access media files over a network*
- USB media playback*
- Premium-grade panel for high reliability and long product lifetime

- Anti-Burn-in™ technology
- EcoSmart sensor detects ambient lighting conditions and automatically adjusts the brightness levels to reduce power consumption
- HeatControl* sensors automatically activate the internal cooling fans
- Durable metal housing design.

* Features may vary by model



Specifications

PN-55H

PN-55D

Panel	Panel Type	LED-Backlit TFT LCD (IPS panel)	LED-Backlit TFT LCD (IPS panel)
	Panel Size	54.6"	54.6"
Frequency (H/V)	Max. Resolution	FHD 1920 x 1080	FHD 1920 x 1080
	Pixel Pitch	0.63 mm	0.63 mm
	Brightness	700 cd/m ²	500 cd/m ²
	Contrast Ratio	1400 : 1	1400 : 1
	Viewing Angle (H/V)	178°/178°	178°/178°
	Display Colour	1.06 B	1.06 B
	Response Time	6 ms	6 ms
	V.Freq	50 Hz – 85 Hz	50 Hz – 85 Hz
Input	VGA	15-Pin D-Sub	15-Pin D-Sub
	DVI	24-Pin DVI-D	24-Pin DVI-D
	HDMI	HDMI x 2	HDMI x 2
	Display Port	Display Port	Display Port
	CVBS	BNC (Share with YPbPr)	BNC (Share with YPbPr)
	Component (YPbPr)	BNC x 3	BNC x 3
	USB	USB	USB
Output	VGA/DVI	DVI-I	DVI-I
	Display Port	Display Port	Display Port
External Control	RS-232 in/out	2.5 mm Phone jack x 2	2.5 mm Phone jack x 2
	RJ45	RJ45	RJ45
	IR in/out	3.5 Ø Jack	3.5 Ø Jack
Audio	Audio In	1 x Stereo audio in for PC (audio jack, 3.5Ø) Stereo audio in for AV (RCA x 2)	1 x Stereo audio in for PC (audio jack, 3.5Ø) Stereo audio in for AV (RCA x 2)
	Audio Out	Stereo audio out (audio jack, 3.5Ø)	Stereo audio out (audio jack, 3.5Ø)
	Internal Speaker	10 W x 2	10 W x 2
	External Speaker Out	10 W x 2	10 W x 2
Other Connectivity	OPS Slot	Yes	Yes
Power	Power Supply	Internal	Internal
	Power Requirements	100 - 240 V, 50 - 60 Hz	100 - 240 V, 50 - 60 Hz
	Consumption	< 275 W (On) < 0.5 W (Off)	< 185 W (On) < 0.5 W (Off)
Operating Conditions	Temperature	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)
Storage Conditions	Temperature	-20°C ~ 60°C (-4°F-140°F)	-20°C ~ 60°C (-4°F-140°F)
	Humidity	5%~95% (No condensation)	5%~95% (No condensation)
Mounting	VESA FPM/PMI	Yes (400 x 400 mm)	Yes (400 x 400 mm)
Dimensions	w/o base (W x H x D)	1213.0 x 684.0 x 95.0 mm (47.8" x 26.9" x 3.7")	1213.0 x 684.0 x 95.0 mm (47.8" x 26.9" x 3.7")
	Packaging (W x H x D)	1551.0 x 961.0 x 450.0 mm (61.1" x 37.8" x 17.7")	1551.0 x 961.0 x 450.0 mm (61.1" x 37.8" x 17.7")
Weight	w/o base	29.2 kg (64.4 lb)	29.2 kg (64.4 lb)
	Packaging weight	43.5 kg (95.9 lb)	43.5 kg (95.9 lb)
Regulation Approval	Certifications & Compliance	CE, FCC, BSMI, RoHS, WEEE, REACH	CE, FCC, BSMI, RoHS, WEEE, REACH
Accessories	Supplied	CD ROM (User Manual), Remote Control with AAA Batteries, Power Cord, 15-Pin D-Sub Cable, IR Sensor Cable, RS232 Cable, RS232 Daisy-Chain Cable	CD ROM (User Manual), Remote Control with AAA Batteries, Power Cord, 15-Pin D-Sub Cable, IR Sensor Cable, RS232 Cable, RS232 Daisy-Chain Cable
Optional Accessories		Wall Mount: Large Mounting Arm: LMA-01 Large Mounting Kit: LMK-01, LMK-03 Ceiling Mount: CMP-01	Wall Mount: Large Mounting Arm: LMA-01 Large Mounting Kit: LMK-01, LMK-03 Ceiling Mount: CMP-01 Video Wall Mounting Kit: VWM-01, VWM-02, VWA-Series



Specifications

PN-46D

Panel	Panel Type	LED-Backlit TFT LCD (PLS panel)
	Panel Size	46.0"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.53 mm
	Brightness	500 cd/m ²
	Contrast Ratio	3500 : 1
	Viewing Angle (H/V)	178°/178°
	Display Colour	16.7 M
	Response Time (GTG)	4 ms
Frequency (H/V)	H.Freq V.Freq	30 kHz – 92 kHz 50 Hz – 85 Hz
Input	VGA	15-Pin D-Sub
	DVI	24-Pin DVI-D
	HDMI	HDMI
	CVBS	DisplayPort
	Component (YPbPr)	BNC
	S-Video	RCA
Output	VGA	-
	CVBS	-
	DVI	DVI-I
External Control	RS-232 in/out	9-Pin D-Sub x 2
	RJ45	RJ45
	IR in/out	3.5ø Jack
Audio	Audio In	Stereo audio in for PC (audio jack, 3.5ø) Stereo audio in for AV (RCA x 2)
	Audio Out	Stereo audio out (RCA x 2)
	Internal Speaker	10 W x 2
	External Speaker Out	10 W x 2
Other Connectivity	OPS Slot	Yes
Power	Power Supply	Internal
	Power Requirements	100 - 240 V, 50 - 60 Hz
	Consumption	< 120 W (On) < 0.5 W (Off)
Operating Conditions	Temperature	5°C ~ 40°C (41°F-104°F) (Landscape)
	Humidity	5°C ~ 35°C (41°F-95°F) (Portrait) 20% ~ 80% (No condensation)
Storage Conditions	Temperature	-20°C ~ 60°C (-4°F-140°F)
	Humidity	10% ~ 90% (No condensation)
Mounting	VESA FPM/PMI	Yes (400 x 200 mm & 200 x 200 mm)
Dimensions	w/o base (W x H x D)	1024.0 x 579.0 x 126.0 mm (40.3" x 22.8" x 5.0")
	w base (W x H x D)	-
	Packaging (W x H x D)	1290.0 x 865.0 x 363.0 mm (50.8" x 34.0" x 14.3")
Weight	w/o base	23.0 kg (50.7 lb)
	w base	-
	Packaging weight	32.4 kg (71.4 lb)
Regulation Approval	Certifications & Compliance	CE, FCC, BSMI, RoHS, WEEE, REACH
Accessories	Supplied	CD ROM (User Manual), Remote Control with AAA Batteries, Power Cord, 15-Pin D-Sub Cable, IR Sensor Cable, Power Switch Cover, Screw for Power Switch Cover
Optional Accessories		Wall Mount: Large Mounting Arm: LMA-01 Large Mounting Kit: LMK-01, LMK-02, LMK-03 Wall Mounting Kit: WMK-01, WMK-03 Ceiling Mount: CMP-01 Video Wall Mounting Kit: VWM-01, VWM-02, VWA-Series