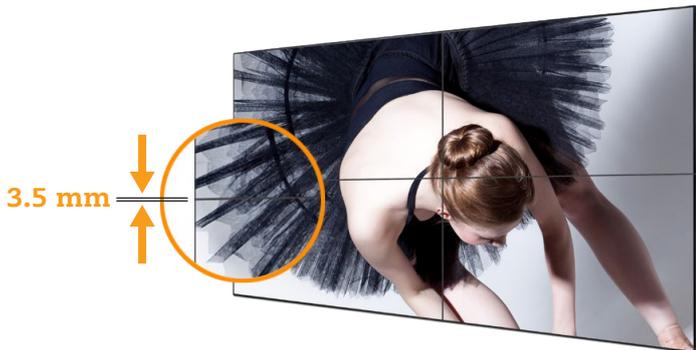


## PN-Series LED-backlit Display 55" | 46"



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.





PN-55H / PN-55D

### Professional Video Walls

46" super narrow bezel 5.7 mm and 55" ultra narrow bezel 3.5 mm professional video wall displays create seamless images for an uninterrupted visual experience. For a complete video wall setup, up to 15x10\* 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 / RS232 looping and Ethernet control capabilities to easily control, setup and maintain large-scale digital signage video walls installations.



Full HD  
700 nits

### High Visibility and Flexibility

High contrast, wide viewing angles and up to 700 nits\* of brightness give you images with superior clarity while the flexible landscape or portrait display orientation suits preferred content layouts and fulfills different applications.

### 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 Sensor automatically activates the internal cooling fans, which is crucial when the temperature rises in mission-critical installations.



### Features

- Full HD 1920 x 1080 resolution
- Anti-Burn-in™ technology prevents image ghosting
- 55-inch display with 1.2 mm (bottom/right) and 2.3 mm (top/left) ultra narrow bezel
- 46-inch display with 1.9 mm (bottom/right) and 3.8 mm (top/left) super narrow bezel
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA, Composite, Component
- An integrated scheduler allows content programming based on time and day
- DMR function: play media shared over a local network\*
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises
- Selectable gamma curves optimise different kinds of images

\* Features may vary by model



## Specifications

### PN-55H

### PN-55D

<b>Panel</b>	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time	LED-Backlit TFT LCD (IPS Technology) 54.6" FHD 1920 x 1080 0.630 mm 700 cd/m <sup>2</sup> 1400 : 1 178°/178° 1.07B 5 ms	LED-Backlit TFT LCD (IPS Technology) 54.6" FHD 1920 x 1080 0.630 mm 500 cd/m <sup>2</sup> 1400 : 1 178°/178° 1.07B 5 ms
<b>Frequency (H/V)</b>	H Freq. V Freq.	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz
<b>Input</b>	Display Port 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 (Share with Component-Y)	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 (Share with Component-Y)
<b>Output</b>	DisplayPort DVI/VGA	1.2 x 1 29-Pin DVI-I x 1	1.2 x 1 29-Pin DVI-I x 1
<b>External Control</b>	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
<b>Other Connectivity</b>	USB OPS Slot	2.0 x 1 (Service Port / Media Playback) Yes	2.0 x 1 (Service Port / Media Playback) Yes
<b>Audio</b>	Audio In  Audio Out Internal Speakers Speaker Output (RMS)	Stereo Audio Jack (3.5 mm) x 1 Stereo Audio Jack (RCA) x 1 Stereo Audio Jack (3.5 mm) x 1 10W x 2 10W x 2	Stereo Audio Jack (3.5 mm) x 1 Stereo Audio Jack (RCA) x 1 Stereo Audio Jack (3.5 mm) x 1 10W x 2 10W x 2
<b>Power</b>	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	Internal AC 100-240V, 50/60 Hz 167W (On) < 0.5W < 0.5W	Internal AC 100-240V, 50/60 Hz 127W (On) < 0.5W < 0.5W
<b>Operating Conditions</b>	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)
<b>Storage Conditions</b>	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)
<b>Mounting</b>	VESA FPMPMI	Yes (400 x 400 mm)	Yes (400 x 400 mm)
<b>Security</b>	Kensington Security Slot	Yes	Yes
<b>Dimensions</b>	w/o Base (W x H x D) Packaging (W x H x D)	1213.4 x 684.2 x 107.7 mm (47.8" x 26.9" x 4.2") 1551.0 x 961.0 x 450.0 mm (61.1" x 37.8" x 17.7")	1213.4 x 684.2 x 107.7 mm (47.8" x 26.9" x 4.2") 1551.0 x 961.0 x 450.0 mm (61.1" x 37.8" x 17.7")
<b>Weight</b>	w/o Base Packaging weight	24.9 kg (54.8 lb) 37.3 kg (82.1 lb)	27.0 kg (59.5 lb) 39.4 kg (86.8 lb)
<b>Regulation Approval</b>	Certifications & Compliance	FCC, CE, BSMI, CB, WEEE, RoHS, REACH, EAC	CB, CE, WEEE, RoHS, REACH, EAC
<b>Accessories</b>	Supplied	Power Cord, VGA Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, IR Sensor, CD	Power Cord, VGA Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, IR Sensor, CD
<b>Optional Accessories</b>		Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounts: VWM-01, VWM-02 Wall Mount: WMA-01 Stand: STD-05 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-05 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



## Specifications

## PN-46D

<b>Panel</b>	Panel Type	LED-Backlit TFT LCD (VA Technology)
	Panel Size	46.0"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.530 mm
	Brightness	500 cd/m <sup>2</sup>
	Contrast Ratio	3500 : 1
	Viewing Angle (H/V)	178°/178°
	Display Colour	16.7M
	Response Time (GTG)	5 ms
<b>Frequency (H/V)</b>	H Freq.	31 kHz-92 kHz
	V Freq.	48 Hz-85 Hz
<b>Input</b>	Display Port	x 1
	HDMI	1.3b x 1
	DVI	24-Pin DVI-D x 1
	VGA	15-Pin D-Sub x 1
	Component Composite	BNC x 1 BNC x 1 (Share with Component-Y)
<b>Output</b>	DVI/VGA	29-Pin DVI-I x 1
<b>External Control</b>	IR in/out	3.5 mm Phone Jack
	RS232 in/out	9-Pin D-Sub
	LAN (RJ45)	Yes
<b>Other Connectivity</b>	OPS Slot	Yes
<b>Audio</b>	Audio In	Stereo Audio Jack (3.5 mm) x 1 Stereo Audio Jack (RCA) x 1
	Audio Out	Stereo Audio Jack (RCA) x 1
	Internal Speakers	10W x 2
	Speaker Output (RMS)	10W x 2
<b>Power</b>	Power Supply	Internal
	Power Requirements	AC 100-240V, 50/60 Hz
	On Mode	135W (On)
	Stand-by Mode Off Mode	< 0.5W < 0.5W
<b>Operating Conditions</b>	Temperature	0°C-40°C (32°F-104°F)
	Humidity	20%-80%(non-condensing)
<b>Storage Conditions</b>	Temperature	-20°C-60°C (-4°F-140°F)
	Humidity	5%-90% (non-condensing)
<b>Mounting</b>	VESA FPM/PMI	Yes (400 x 200 mm & 200 x 200 mm)
<b>Security</b>	Kensington Security Slot	Yes
<b>Dimensions</b>	w/o Base (W x H x D)	1024.0 x 578.6 x 125.7 mm (40.3" x 22.8" x 4.9")
	Packaging (W x H x D)	1290.0 x 865.0 x 363.0 mm (50.8" x 34.0" x 14.3")
<b>Weight</b>	w/o Base	23.0 kg (50.7 lb)
	Packaging weight	32.4 kg (71.4 lb)
<b>Regulation Approval</b>	Certifications & Compliance	FCC, CE, BSMI, CB, WEEE, RoHS, REACH, EAC
<b>Accessories</b>	Supplied	Power Cord, VGA Cable, Remote Control, Batteries, IR Sensor, CD, Power Switch Cover and Screw
<b>Optional Accessories</b>		Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounts: VWM-01, VWM-02 Wall Mount: WMK-03 Stand: STD-05 Ceiling Mounts (Landscape only): CMP-01 + LMK-01, CMP-01 + LMK-02, CMP-01 + WMK-03 Wall Mounts (Landscape only): LMA-01, LMK-01, LMK-02, LMK-03