

LED 

## PN-55D

Given its ultra slim bezel and DLNA compliant functionality, the PN-55D is designed for video wall applications in digital signage and industrial settings.

The PN-55D, a professional 55" LCD display in 500 nits brightness and wide viewing angle design ensures vivid image reproduction and better visual performance in public settings. As a DLNA-compliant display, the PN-55D supports multimedia sharing within devices in local network. Additionally, its built-in scheduler, OPS slot and tiling function make easier the system setup of digital signage. Both landscape and portrait display orientations allow flexibility in video wall installation. Coupled with the metal casing and Anti-Burn-in™ technology, the PN-55D is ideally for 24/7 digital signage and industrial environments.

- > LED-backlit technology with FHD 1920 x 1080 resolution
- > 500 nits brightness
- > Premium-grade panel for high reliability and long product lifetime
- > 1.0±0.2 mm (bottom/right); 2.1±0.2 mm (top/left) super narrow bezel
- > Anti-Burn-in™ technology
- > AIP technology: 3D Comb filter/ Deinterlace/ Noise Reduction/ PIP and PBP
- > EcoSmart Sensor detects ambient lighting condition and automatically adjusts brightness level to reduce power consumption
- > Versatile connectivity: VGA in/out, DVI in/out, HDMI, DisplayPort in/out, CVBS and Component
- > RS-232 in/out and RJ45 allow remote control
- > Tiling function for easy video wall setup (supports up to 10 x 10)
- > DLNA function: easy sharing and playing digital content with DLNA compliant devices via local network
- > Built-in scheduler allows different program scheduling
- > HeatControl Sensor automatically activates the internal cooling fan to cool down the temperature
- > OPS slot ready for easy media player integration
- > Orientation: portrait and landscape
- > Built-in speakers
- > Durable metal housing design
- > Rigorous screening of the components for mission-critical 24/7 applications



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## Specifications

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<b>Panel</b>	Panel Type	LED-Backlit TFT LCD (IPS panel)
	Panel Size	54.6"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.63 mm
	Brightness	500 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	1400 : 1 (Typical)
	Viewing Angle (H/V)	178°/178° (Typical)
	Display Colour Response Time (GTG)	1.06 B 6 ms
<b>Frequency (H/V)</b>	H.Freq	30kHz – 92kHz
	V.Freq	50Hz – 85Hz
<b>Input</b>	VGA	15-Pin D-Sub
	DVI	24-Pin DVI-D
	HDMI	HDMI x 2
	Display Port	Display Port
	CVBS	BNC (Share with YPbPr)
	Component (YPbPr)	BNC x 3
	USB	USB
<b>Output</b>	VGA/DVI	DVI-I
	Display Port	Display Port
<b>External Control</b>	RS-232 in/out	2.5mm Phone jack x 2
	RJ45	RJ45
	IR in/out	3.5ø Jack
<b>Audio</b>	Audio In	1 x Stereo audio in for PC (audio jack, 3.5ø)
	Audio Out	Stereo audio in for AV (RCA x 2) Stereo audio out (audio jack, 3.5ø)
	Internal Speaker	10W x 2
	External Speaker Out	10W x 2
<b>Other Connectivity</b>	OPS Slot	Yes
<b>Power</b>	Power Supply	Internal
	Power Requirements	100 - 240V, 50 - 60Hz
	Consumption	< 420W (On) < 0.5W (Active Off/Off)
<b>Operating Conditions</b>	Temperature	0°C ~ 40°C (32°F-104°F)
	Humidity	20%~80% (No condensation)
<b>Storage Conditions</b>	Temperature	-20°C ~ 60°C (-4°F~140°F)
	Humidity	5%~95% (No condensation)
<b>Mounting</b>	VESA FPMPI	Yes (400 x 400mm)
<b>Dimensions</b>	w/o base (W x H x D)	1213 x 684 x 95 mm (47.8" x 26.9" x 3.7")
	Packaging (W x H x D)	1551 x 961 x 450 mm (61.1" x 37.8" x 17.7")
<b>Weight</b>	w/o base	29.2 kg (64.4 lbs)
	Packaging weight	43.5 kg (95.9 lbs)
<b>Regulation Approval</b>	Certifications & Compliance	CE, FCC, BSMI, RoHS, WEEE, REACH
<b>Accessories</b>	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



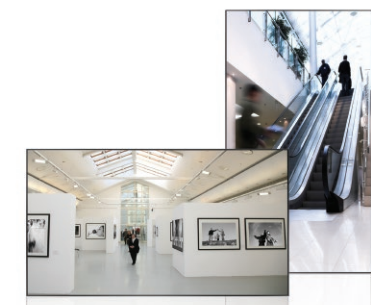
500 nits high brightness panel assures image clarity even under high ambient light.



Versatile connectivity: VGA, DVI, HDMI, DisplayPort, CVBS, Component.



Tiling function and DVI looping simplify the video wall setup.



The flexibility in display orientation—either landscape or portrait—suit preferred content layouts.

