



PN-55D

Given its ultra slim bezel and DLNA compliant functionality, the PN-55D is designed for video wall applications in digital signage and various commercial 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 commercial 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
- > 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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Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time (GTG)	LED-Backlit TFT LCD (IPS panel) 54.6" FHD 1920 x 1080 0.63 mm 500 cd/m ² (Typical) 1400 : 1 (Typical) 178°/178° (Typical) 1.06 B 6 ms
Frequency (H/V)	H.Freq V.Freq	30kHz – 92kHz 50Hz – 85Hz
Input	VGA DVI HDMI Display Port CVBS Component (YPbPr) USB	15-Pin D-Sub 24-Pin DVI-D HDMI x 2 Display Port BNC (Share with YPbPr) BNC x 3 USB
Output	VGA/DVI Display Port	DVI-I Display Port
External Control	RS-232 in/out RJ45 IR in/out	2.5mm Phone jack x 2 RJ45 3.5ø Jack
Audio	Audio In Audio Out Internal Speaker External Speaker Out	1 x Stereo audio in for PC (audio jack, 3.5ø) Stereo audio in for AV (RCA x 2) Stereo audio out (audio jack, 3.5ø) 10W x 2 10W x 2
Other Connectivity	OPS Slot	Yes
Power	Power Supply Power Requirements Consumption	Internal 100 - 240V, 50 - 60Hz < 185W (On) < 0.5W (Off)
Operating Conditions	Temperature Humidity	0°C ~ 40°C (32°F~104°F) 20%~80% (No condensation)
Storage Conditions	Temperature Humidity	-20°C ~ 60°C (-4°F~140°F) 5%~95% (No condensation)
Mounting	VESA FPMPI	Yes (400 x 400mm)
Dimensions	w/o base (W x H x D) Packaging (W x H x D)	1213 x 684 x 95 mm (47.8" x 26.9" x 3.7") 1551 x 961 x 450 mm (61.1" x 37.8" x 17.7")
Weight	w/o base Packaging weight	29.2 kg (64.4 lbs) 43.5 kg (95.9 lbs)
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, RS232 cable, RS232 daisy-chain cable



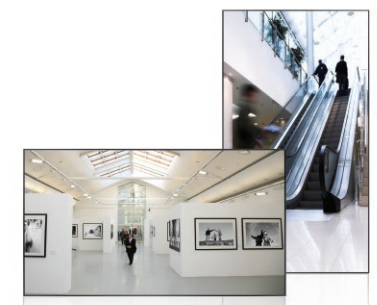
500 nits high brightness panel assures image clarity even under high ambient light.



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



Tiling function and DVI, VGA and DisplayPort looping simplify the video wall setup.



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

