



LED 

## PN-55H

A 55" super narrow bezel display featuring 800 nits high brightness tailored for constructing video walls in professional digital signage environments.

Coming with the super narrow bezel and 800 nits high brightness, the PN-55H ensures clear image presentation even against strong ambient lighting environments. In addition to the built-in tiling function, DVI looping enables easy video wall installations. Equipped with RS-232/RJ45/IR remote controls and the programmable scheduler, the PN-55H can be activated remotely at preset time. Its Anti-Burn-in™ and HeatControl Sensor technologies ensure long product lifetime in professional digital signage and 24/7 industrial applications.

- > LED-backlit technology with FHD 1920 x 1080 resolution
- > 800 nits brightness
- > Premium-grade panel for high reliability and long product lifetime
- > 1.9 mm (bottom/right); 3.4 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, CVBS in/out, Component, S-Video
- > RS-232 in/out, RJ45 and IR in/out allow remote control
- > Tiling function for easy video wall setup (supports up to 10 x 10)
- > Built-in scheduler allows different programme scheduling
- > HeatControl Sensor automatically activates the internal cooling fan to cool down the temperature
- > Orientation: portrait and landscape
- > Built-in speakers
- > Durable metal housing design
- > Rigorous screening of the components for mission-critical 24/7 applications



# PN-55H

## Specifications

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<b>Panel</b>	Panel Type	LED-Backlit TFT LCD (IPS panel)
	Panel Size	55"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.63 mm
	Brightness	800 cd/m <sup>2</sup> (Typical)
	Contrast Ratio	1400 : 1 (Typical)
	Viewing Angle (H/V)	178°/178° (Typical)
	Display Colour Response Time (GTG)	1.07 B 5 ms
<b>Frequency (H/V)</b>	H.Freq	30kHz – 75kHz
	V.Freq	50Hz – 75Hz
<b>Input</b>	VGA	15-Pin D-Sub
	DVI	24-Pin DVI-D
	HDMI	HDMI x 2
	Display Port	Display Port
	CVBS	BNC
	Component (YPbPr) S-Video	RCA 4-Pin Mini DIN
<b>Output</b>	VGA	15-Pin D-Sub
	DVI	DVI
	CVBS	BNC
<b>External Control</b>	RS-232 in/out	9-Pin D-Sub
	RJ45	RJ45
	IR in/out	3.5ø Jack
<b>Audio</b>	Audio In	1 x Stereo audio in for PC (audio jack, 3.5ø) 1 x Stereo audio in (RCA)
	Audio Out	1 x Stereo audio out (RCA)
	Internal Speaker	12W x 2
	External Speaker Out	12W x 2
<b>Power</b>	Power Supply	Internal
	Power Requirements	100 - 240V, 50 - 60Hz
	Consumption	< 340W (On) < 0.5W (Active Off/Off)
<b>Operating Conditions</b>	Temperature	0°C ~ 40°C (32°F~104°F)
	Humidity	10%~90% (No condensation)
<b>Storage Conditions</b>	Temperature	-20°C ~ 60°C (-4°F~140°F)
	Humidity	10%~90% (No condensation)
<b>Mounting</b>	VESA FPM PMI	Yes (400 x 400mm)
<b>Dimensions</b>	w/o base (W x H x D)	1215 x 686 x 115 mm (47.8" x 27.0" x 4.5")
	Packaging (W x H x D)	1364 x 841 x 327 mm (53.7" x 33.1" x 12.9")
<b>Weight</b>	w/o base	32.5 kg (71.5 lbs)
	Packaging weight	41.0 kg (83.6 lbs)
<b>Regulation Approval</b>	Certifications & Compliance	CB, CE, FCC, CEL, BSMI, CCC, RoHS, WEEE, REACH, GOST-R
<b>Accessories</b>	Supplied	CD ROM (user manual), Remote control with AAA batteries, Power cord, 15-Pin D-Sub cable, IR cables



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



Versatile connectivity: VGA, DVI, HDMI, DisplayPort, CVBS, Component, S-Video.



Tiling function and DVI looping simplify the video wall setup.



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

