



PS-55

A 55" LED-backlit display designed with high brightness panel and OPS slot for professional digital signage environments.

Built on an LED-backlit panel with the capacity of 700 nits high brightness, the PS-55 reproduces life-like colours and image details without disturbance of ambient light. Designed to suit different environments, it can be displayed either landscape or portrait. Equipped with an OPS slot and RJ45/RS-232 remote control functions, the PS-55 is an ideal choice for easy media integration and maintenance. The Anti-Burn-in™ technology and HeatControl Sensor ensure the 24/7 round-the-clock performance in professional digital signage settings.

- > LED-backlit technology with FHD 1920 x 1080 resolution
- > 700 nits high brightness
- > Premium-grade panel for high reliability and long product lifetime
- > Anti-Burn-in™ technology
- > AIP technology: 3D Comb Filter/ Deinterlace/ Noise Reduction/PIP and PBP
- > Versatile connectivity: VGA, DVI, HDMI, CVBS, YPbPr, DisplayPort
- > Daisy chain availability: VGA, DVI, RS-232
- > RS-232 and RJ45 allow programmable remote control
- > 15.8 mm bezel width and tiling function for easy video wall setup (support up to 5 x 5)
- > Built-in scheduler allows different programme scheduling
- > HeatControl Sensor automatically activates the internal cooling fan to cool down the temperature
- > OPS slot ready for easy media player integration
- > Built-in speakers
- > Quick switch between internal and external speakers
- > Flexible display orientation: portrait and landscape
- > Rigorous screening of the components for mission-critical 24/7 applications



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Specifications

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Panel	Panel Type	LED-Backlit TFT LCD (MVA panel)
	Panel Size	54.6"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.63 mm
	Brightness	700 cd/m ² (Typical)
	Contrast Ratio	4000 : 1 (Typical)
	Viewing Angle (H/V)	178°/178° (Typical)
	Display Colour	1.07 B
Frequency (H/V)	Response Time (GTG)	6.5 ms
Frequency (H/V)	H.Freq	31kHz – 92kHz
	V.Freq	48Hz – 85Hz
Input	VGA	15-Pin D-Sub
	DVI	24-Pin DVI-D
	HDMI	HDMI
	Component (Y/Pb/Pr)	BNC x 3
	CVBS	BNC
	DisplayPort	DisplayPort
Output	DVI/VGA	29-Pin DVI-I
External Control	RS-232 in/out	9-Pin D-Sub
	RJ45	RJ45
Audio	Audio In	1 x Stereo audio in for PC (audio jack, 3.5ø)
		1x Stereo audio in (RCA)
	Audio Out	1 x Stereo audio out (RCA)
	Internal Speaker	10W x 2
Other Connectivity	External Speaker Out	10W x 2
Other Connectivity	OPS Slot	Yes
Power	Power Supply	Internal
	Power Requirements	100 - 240V, 50 - 60Hz
	Consumption	< 245W (On) < 0.5W (Active Off/Off)
Operating Conditions	Temperature	0°C ~ 40°C (32°F ~ 104°F)
	Humidity	20% ~ 80% (No condensation)
Storage Conditions	Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	5% ~ 95% (No condensation)
Mounting	VESA FPMPI	Yes (400 x 400mm/ 400 x 200mm/ 200 x 200mm)
Dimensions	w/o Base (W x H x D)	1244 x 715 x 69 mm (49.0" x 28.1" x 2.7")
	with Base (W x H x D)	1244 x 771 x 400 mm (49.0" x 30.4" x 15.7")
	Packaging (W x H x D)	1476 x 978 x 276 mm (58.1" x 38.5" x 10.9")
Weight	w/o Base	30.6 kg (67.3 lbs)
	with Base	32.6 kg (71.7 lbs)
	Packaging weight	36.1 kg (79.4 lbs)
Regulation Approval	Certifications & Compliance	CB, CE, FCC, RoHS, WEEE, REACH, GOST-R
Accessories	Supplied	CD ROM (user manual), Remote control with AAA batteries, Power cord, 15-Pin D-Sub cable, Power switch cover and screw, Cable tie
	Optional	Stand base (STD-05)



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



Versatile connectivity: VGA, DVI, HDMI, CVBS, YPbPr, DisplayPort, RS-232, RJ45 and audio.



The flexibility in display orientation—either landscape or portrait—means user freedom in fitting whatever setting.



OPS compliant design simplifies digital signage installation and maintenance.



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