

PO-Series LED-backlit Display 55"

Ultra-High Brightness Display Solutions



The PO-Series ultra-high brightness displays are purposely built to stand out in a wide range of environments whether indoor or outdoor, retail or entertainment. The LED-backlit panels include brightness levels that maximise visibility, along with features such as an energy saving EcoSmart Sensor and Anti-Burn-in™ technology that make the displays ideal for 24/7 outdoor use. An open-frame option boosts adaptability, as it allows for easier integration into customised designs, while an active dual-fan cooling design coupled with a HeatControl sensor keep temperatures in control, which further enhances the PO-Series' aptitude for outdoor use.



PO-55H



PO-55F





Readable in Sunlight

With a 2500 nits ultra-high brightness display, the PO-Series provides optimal readability, whether in direct or indirect sunlight conditions, while retaining the superior image quality AG Neovo displays are known for. The panels also are equipped with high-temperature resistant (up to 110°C/230°F) liquid crystal cells, and circular polarizing technology which enables clear visibility even when the viewer is wearing polarized sunglasses.

Open-Frame Design

With customisation in mind, the PO-Series features an open-frame option which allows you to be flexible in any new custom display solution you are designing or to integrate the display into any solution which you have already developed.



Easy to Install and Manage

Offering landscape and portrait mode capabilities, the PO-Series can easily adapt to various installation setups while expanding design options for content. A built-in RS-232 port adds convenience, letting you control your display remotely.

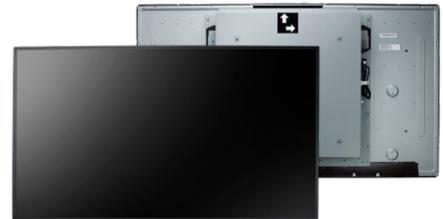
Smart Power Management

Power management is an important consideration for 24/7 applications to ensure a long product life and extended use. AG Neovo designed an energy saving EcoSmart Sensor, so the display can automatically adjust its brightness according to the external environment, particularly in outdoor settings, which can significantly save energy.



Features

- Sunlight readable, 2500 nits ultra-high brightness
- Anti-Burn-in™ technology
- EcoSmart Sensor automatically adjusts backlight according to ambient lighting condition
- RS-232 and IR for remote control
- HeatControl sensor with dual fans
- Flexible display orientation: Landscape/portrait
- Wide colour gamut coverage (NTSC 72%)
- Low reflection ≤1.45%
- Built-in speaker (PO-55H only)
- 2 handles mounted for easy lifting
- Rigorous screening of the components for mission-critical 24/7 operations



Specifications

Specifications		PO-55H	PO-55F (Open-frame)
Panel	Panel Type	LED-Backlit TFT LCD (MVA Panel)	LED-Backlit TFT LCD (MVA Panel)
	Panel Size	54.6"	54.6"
	Max. Resolution	1920 x 1080	1920 x 1080
	Pixel Pitch	0.63 mm	0.63 mm
	Brightness	2500 cd/m ²	2500 cd/m ²
	Contrast Ratio	4,000 : 1	4,000 : 1
	Viewing Angle (H/V)	178°/178°	178°/178°
	Display Colour Response Time	1.07 B 5 ms	1.07 B 5 ms
Frequency (H/V)	H Freq.	30 KHz - 80 KHz	30 KHz - 80 KHz
	V Freq.	56 Hz - 76 Hz	56 Hz - 76 Hz
Input	VGA	15-Pin D-Sub	15-Pin D-Sub
	DVI	24-Pin DVI-D	24-Pin DVI-D
	DisplayPort	DisplayPort 1.2a x 1	DisplayPort 1.2a x 1
	HDMI	HDMI 1.4 x 1	HDMI 1.4 x 1
	USB	USB x 1 (Reserved for touch design)	USB x 1 (Reserved for touch design)
External Control	RS-232 in	9-Pin D-Sub	9-Pin D-Sub
	IR in	IR	IR
Audio	Audio In	Stereo audio jack for PC (3.5 mm) x 1	Stereo audio jack for PC (3.5 mm) x 1
	Audio Out	Stereo audio jack for PC (3.5 mm) x 1	Stereo audio jack for PC (3.5 mm) x 1
	Speaker	10 W x 2	-
Power	Power Supply	Internal	Internal
	Power Requirements	AC 100 - 240 V	AC 100 - 240 V
	Consumption	< 353 W (On) < 1 W (Stand-by/Off)	< 353 W (On) < 1 W (Stand-by/Off)
Operating Conditions	Temperature	0°C - 40°C (32°F - 104°F)	0°C - 40°C (32°F - 104°F)
	Humidity	20% - 80% (No condensation)	20% - 80% (No condensation)
Storage Conditions	Temperature	-20°C - 60°C (-4°F - 140°F)	-20°C - 60°C (-4°F - 140°F)
	Humidity	20% - 80% (No condensation)	20% - 80% (No condensation)
Mounting	VESA	Yes (400 x 400 mm)	Yes (400 x 400 mm)
Dimensions	w/o Base (W x H x D)	1248.2 x 719.0 x 119.0 (49.1" x 28.3" x 4.7")	1242.2 x 713.0 x 117.8 (48.9" x 28.0" x 4.6")
	Packaging (W x H x D)	1360.0 x 860.0 x 375.0 (53.5" x 33.9" x 14.8")	1360.0 x 860.0 x 375.0 (53.5" x 33.9" x 14.8")
Weight	w/o base	36.7 kg (80.9 lb)	29.2 kg (64.4 lb)
	Packaging	46.3 kg (102.1 lb)	38.8 kg (85.5 lb)
Regulation Approval	Certification & Compliance	CE, REACH, WEEE, RoHS, LVD	CE, REACH, WEEE, RoHS, LVD
Accessories	Supplied	Power Cord (USA, EU, UK), Batteries, Remote control, Quick Start Guide	Power Cord (USA, EU, UK), Batteries, Remote control, Quick Start Guide
Optional Accessories		Video Wall Mount: VWM-01, VWM-02 Large Mounting Kit: LMK-01, LMK-03 Ceiling Mount: CMP-01+LMK-01 (Landscape only)	-

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