

PO-5502 55-INCH ULTRA-HIGH BRIGHTNESS OPEN FRAME DISPLAY

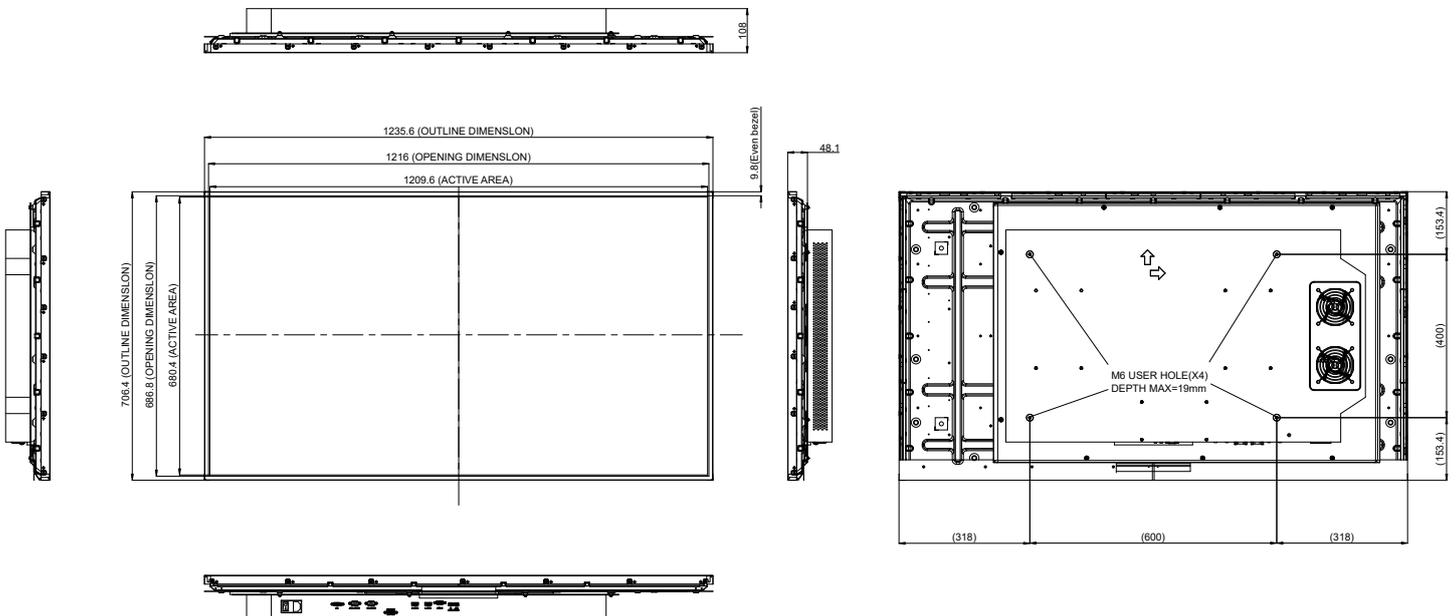
FEATURES



- Full HD 1920 x 1080 resolution
- 2,500 nits ultra-high brightness sunlight readable panel
- Anti-Burn-in™ technology prevents image ghosting
- RS232/IR control support - provides compatibility with control systems
- The magnetic IR/light sensor board is easy-to-move for different installation environments
- Versatile connectivity: HDMI x 2, DisplayPort, VGA
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises
- Support a wide range of operating temperature from -10°C (14°F) up to 50°C (122°F)
- Low reflection rate ($\leq 1.45\%$) to enhance readability in bright ambient light areas
- Flexible display orientation: Landscape/Portrait
- Designed and developed for continuous 24/7 operation
- Compatible with AG Neovo LOC-55 display enclosure

The PO-5502 55-inch 1080p open frame display is built to stand out in different outdoor environments with 2,500 nits ultra-high brightness. The LED-backlit open frame panels include brightness levels that maximise visibility, along with an energy-saving EcoSmart Sensor and Anti-Burn-in technology that make the ultra-high brightness digital signage display ideal for 24/7 outdoor use. An open-frame option boosts adaptability, allowing for easier integration into customised designs. In contrast, a dual-fan cooling design coupled with a HeatControl sensor keeps temperatures in control, enhancing the PO-5502 display's aptitude for outdoor use.

TECHNICAL DRAWING



SPECIFICATIONS

Panel

Panel Size	55"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.63 mm
Brightness	2500 cd/m ²
Contrast Ratio	4000 : 1
Viewing Angle (H/V)	178°/178°
Display Colour	16.7M
Response Time	5 ms
Surface Treatment	Anti-Reflection Treatment (Reflectance <1.45%), 3H

Frequency

Frequency (H)	30kHz-74kHz
Frequency (V)	56kHz-76kHz

Signal Input

DisplayPort	1
HDMI	1.4 x 2
VGA	15 -pin D-SUB

External Control

IR In	RJ45
RS232 In	9-Pin D-Sub
RS232 Out	9-Pin D-Sub

Audio

Audio In	Stereo Audio Jack (3.5 mm)
Audio Out	Stereo Audio Jack (3.5 mm)

Power

Power Requirements	AC 100-240V, 50-60Hz
On Mode	236W (On)
Standby Mode	<0.5W
Off Mode	<0.5W
Power Supply	Internal

Operating Conditions

Temperature	-10°C-50°C (14°F-122°F)
Humidity	10%-80% (non-condensing)

Storage Conditions

Temperature	-20°C-60°C (-4°F-140°F)
Humidity	10%-80% (non-condensing)

Mounting

VESA FPM/PMI	Yes (600 x 400 mm)
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Dimensions

Product w/o Base (W x H x D)	1235.6 x 706.4 x 108.0 mm (48.7" x 27.8" x 4.3")
Packaging (W x H x D)	1370.0 x 282.0 x 870.0 mm (53.9" x 11.1" x 34.3")

Weight

Product w/o Base	23.5 kg (51.8 lb)
Packaging	30.5 kg (67.2 lb)

Regulation Approval

Certifications & Compliance	CE, LVD, WEEE, RoHS, REACH, UKCA
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Accessories

Supplied	Power Cord, Remote Control, Batteries, IR Sensor, Quick Start Guide
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Optional Accessories

Ceiling Mount (Landscape only)	CMP-01+LMK-01
Wall Mount (Landscape only)	LMK-01, LMK-03, LMA-02
Floor Mount (Landscape only)	FMC-03 + LMK-04, FMC-4 + LMK-04, FMC-05B, FWL-01B, FMC-06
Display Enclosure	LOC-55

