

PD5502 55-INCH 4K HIGH-BRIGHTNESS SDM-READY COMMERCIAL DISPLAY



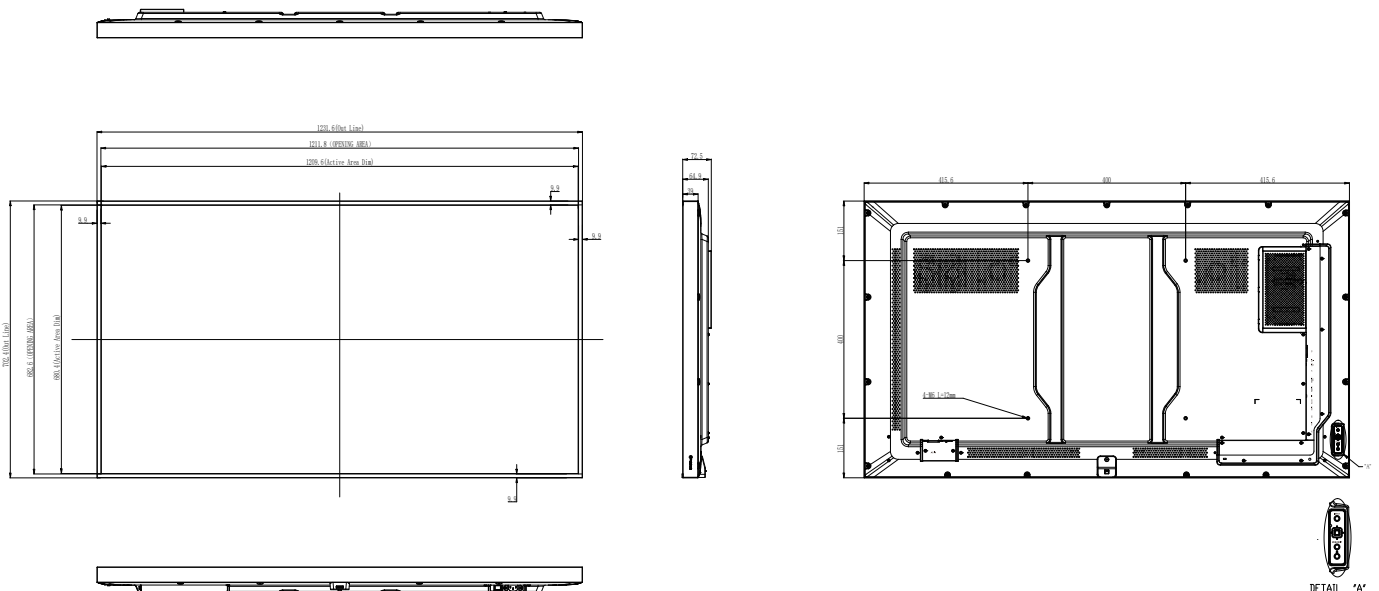
FEATURES

- UHD 3840 x 2160
- 1000 nits high brightness for clear visibility in bright indoor, window-facing, and high-ambient-light environments
- Intel® SDM-ready architecture for embedded computing and standardised deployment
- IPS panel technology delivers wide 178° viewing angles.
- Anti-glare treatment helps reduce reflections and maintain readability.
- Anti-Burn-in™ Technology helps prevent image ghosting during continuous signage use.
- Compatible with Neovo Controller software for local centralised multi-display control and configuration via RS232 and RJ45 LAN.
- Dual HDMI, DisplayPort in, and USB-C provide versatile source compatibility
- 24/7 commercial-grade operation with support for both portrait and landscape installations



The PD5502 is a 55-inch 4K UHD commercial display designed for professional signage applications where high visibility, reliable operation, and flexible integration are essential. Featuring 1000-nit brightness, Intel® SDM-ready architecture, 24/7 operation, and versatile control connectivity, it supports embedded computing, standardised deployment, and scalable signage networks across bright commercial environments.

TECHNICAL DRAWING



SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (IPS Technology)
Panel Size	54.6"
Max. Resolution	UHD 3840 x 2160
Pixel Pitch	0.315 mm
Brightness	1000 cd/m ²
Contrast Ratio	20,000,000:1 (DCR)
Viewing Angle (H/V)	178°/178°
Display Colour	1.07G
Response Time	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating

Frequency

Frequency (H)	15 kHz-136 KHz
Frequency (V)	23 Hz-76 Hz

Signal Input

DisplayPort	1.2 x 1
HDMI	2.0 x 2
VGA	15-Pin D-Sub x 1
Type-C	x 1 (PD 15W)

External Control

IR In	3.5 mm Phone Jack
RS232 In	RJ45
RS232 Out	RJ45
LAN	RJ45 x 1

Other Connectivity

USB	2.0 x 1 (Service Port)
SDM Slot	SDM-S/SDM-L

Audio

Audio In	Stereo Audio Jack (3.5 mm)
Audio Out	Stereo Audio Jack (3.5 mm)
Internal Speakers	10W x 2

Power

Power Supply	Internal
Power Requirements	AC 100-240V, 50/60 Hz
On Mode	179W(On)
Standby Mode	< 0.5W
Off Mode	0W

Operating Conditions

Temperature	0°C-40°C (32°F-104°F)
Humidity	20%-80% (non-condensing)

Storage Conditions

Temperature	-10°C-60°C (14°F-140°F)
Humidity	10%-80% (non-condensing)

Mounting

VESA FPMPI	Yes (400 x 400 mm)
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Dimensions

Bezel Width	Even bezel 9.9 mm
Product w/o Base (W x H x D)	1231.6 x 702.4 x 72.5 mm (48.5" x 27.7" x 2.9")
Packaging (W x H x D)	1355.0 x 820.0 x 140.0 mm (53.3" x 32.3" x 5.5")

Weight

Product w/o Base	15.5 kg (34.2 lb)
Packaging	21.5 kg (47.4 lb)

Regulation Approval

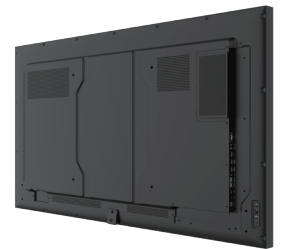
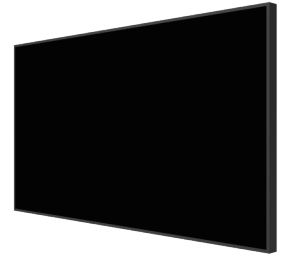
Certifications & Compliance	CE, LVD, WEEE, RoHS, REACH
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Accessories

Supplied	Power Cord, HDMI Cable, RS232 Cable, Remote Control, Quick Start Guide
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Optional Accessories

Floor Mount (Landscape only)	FMC-07
Wall Mount	LMA-01, LMA-02
Wall Mount (Portrait only)	WMK-05
Ceiling Mount (Landscape only)	CMP-01 + LMK-01
Wall Mount (Landscape only)	LMK-01, LMK-03
Desk Mount (Landscape only)	DTS-01
Video Wall Mount	VWM-01



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P/C: PD5520 Version 11, 20260707