

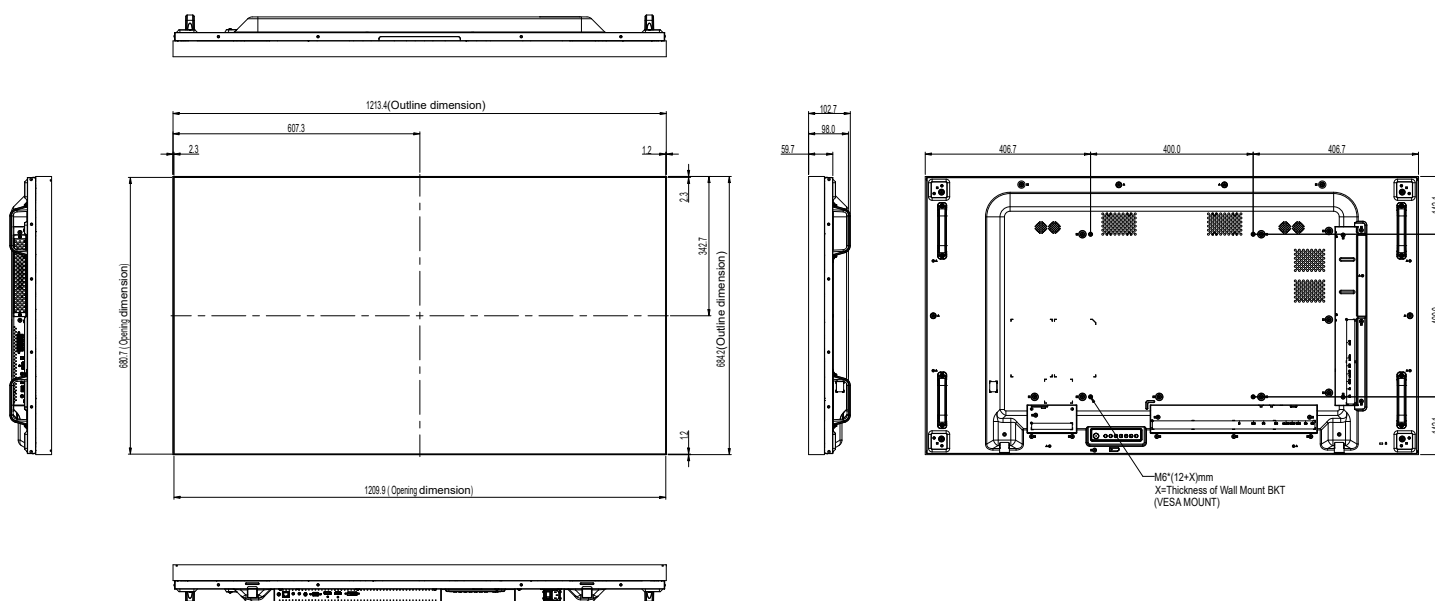
FEATURES



- Full HD 1920 x 1080 resolution
- IPS Panel technology offers high colour accuracy and wide viewing angles
- Anti-Burn-in™ technology prevents image ghosting
- DisplayPort, RS232, IR looping support
- Anti-glare treatment (Haze 28%) improves visibility of the screen under ambient light
- Ultra narrow bezel 2.3 mm (Top/Left) and 1.2 mm (Bottom/Right) create a 3.5mm seamless LCD video walls
- An integrated scheduler allows content programming based on time and day
- Extensive display control: IR, RS232, LAN and PID Command & Ctrl
- UniWall™ - create video walls (up to 15x15 displays) without third-party equipment
- Designed and developed for continuous 24/7 operation
- HeatControl Sensors automatically activate the internal cooling fans when the temperature rises
- Selectable gamma curves optimise different kinds of images
- Flexible display orientation: Landscape/Portrait

The PN-Series ultra narrow bezel displays are designed for commercial and professional large-scale video wall installations. Given its built-in scheduler, OPS slot, UniWall™ feature, the PN-Series high-end video wall displays can easily create 15x15 large-scale and eye-catching digital content without third-party devices. The anti-reflective, 500 nits brightness panel makes visually stunning video walls in demanding environments — from large public venues to 24/7 operation control rooms.

TECHNICAL DRAWING



SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (IPS Technology)
Panel Size	54.6"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.630 mm
Brightness	500 cd/m²
Contrast Ratio	1200:1
Viewing Angle (H/V)	178°/178°
Display Colour	1.07B
Response Time	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 28%), 2H Hard Coating

Frequency

Frequency (H)	31 kHz-92 kHz
Frequency (V)	49 Hz-85 Hz

Signal Input

DisplayPort	1.2 x 1
HDMI	2.0 x 1
DVI	24-Pin DVI-D
VGA	15-Pin D-Sub x 1

Signal Output

DisplayPort	1.2 x 1
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External Control

IR In	3.5 mm Phone Jack
IR Out	3.5 mm Phone Jack
RS232 In	2.5 mm Phone Jack
RS232 Out	2.5 mm Phone Jack
LAN	RJ45 x 1

Other Connectivity

USB	2.0 x 1 (Service Port)
OPS Slot	Yes

Audio

Audio In	Stereo Audio Jack (3.5 mm)
Audio Out	Stereo Audio Jack (3.5 mm), S/PDIF
Internal Speakers	10 W x 2
Speaker Output (RMS)	10 W x 2

Power

Power Requirements	AC 100-240V, 50/60 Hz
On Mode	79W (On)
Standby Mode	< 0.5W
Off Mode	0W
Power Supply	Internal

Operating Conditions

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

Storage Conditions

Temperature	-20°C-60°C (-4°F-140°F)
Humidity	10%-90% (non-condensing)

Mounting

VESA FPM/PMI	Yes (400 x 400 mm)
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Security

Kensington Security Slot	Yes
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Dimensions

Product w/o Base (W x H x D)	1213.4 x 684.2 x 102.7 mm (47.8" x 26.9" x 4.0")
Packaging (W x H x D)	1395.0 x 838.0 x 280.0 mm (54.9" x 33.0" x 11.0")

Weight

Product w/o Base	26.6 kg (58.6 lb)
Packaging	35.3 kg (77.8 lb)

Regulation Approval

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

Supplied	Power Cord, DVI Cable, HDMI Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, IR Sensor, Quick Start Guide
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Optional Accessories

Floor Mount	FMS-01, FMS-02, FMC-02
Video Wall Mount	VWM-01, VWM-02
Wall Mount	LMA-01, LMA-02
Stand	STD-05
Ceiling Mount (Landscape only)	CMP-01+LMK-01
Wall Mount (Landscape only)	LMK-01, LMK-03
Floor Mount (Landscape only)	FMC-03+LMK-04, FMC-04+LMK-04
Desk mount (Landscape only)	DTS-01

