PN-Series LCD Display 46" | 55"

Ultra slim bezel displays for seamless digital signage integration
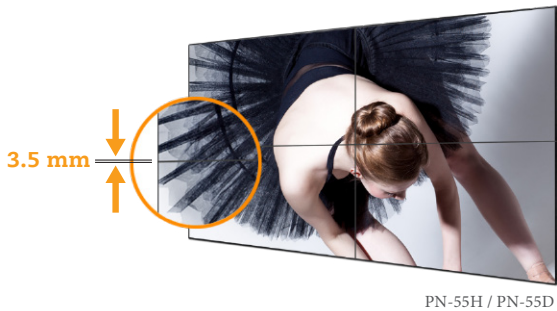
Anti-Burn-in™ · 3.5 mm · DisplayPort · HeatControl Sensor · Gamma · OPS

The PN-Series ultra slim bezel displays are designed for professional video wall applications. Given its built-in scheduler, OPS slot and tiling function, these premium displays are easy to setup and maintain. With its up to 700 nits* of brightness and premium-grade panel, visually stunning video walls can be displayed in demanding environments — from large public venues to 24/7 operation control rooms.
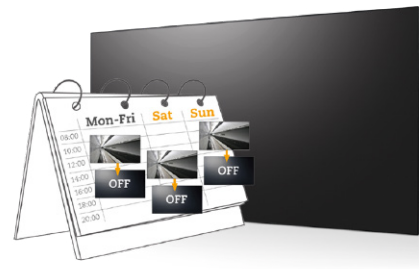
3.5 mm

PN-55H / PN-55D

Professional Video Walls

46" super narrow bezel 5.7 mm and 55" ultra narrow bezel 3.5 mm professional video wall displays create seamless images for an uninterrupted visual experience. For a complete video wall setup, up to 15x10* tiling is supported via DisplayPort* and DVI interfaces.

Easy Control for Large-Scale Digital Signage

Its built-in scheduler and OPS slot are complemented by IR / RS232 looping and Ethernet control capabilities to easily control, setup and maintain large-scale digital signage video walls installations.
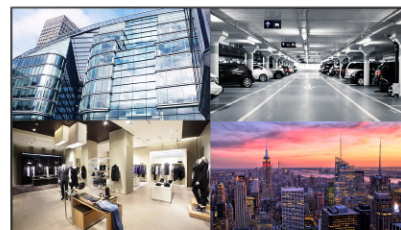

Mon-Fri   Sat   Sun

OFF   OFF   OFF

**Full HD
700 nits**

High Visibility and Flexibility

High contrast, wide viewing angles and up to 700 nits* of brightness give you images with superior clarity while the flexible landscape or portrait display orientation suits preferred content layouts and fulfills different applications.

Industry-leading Reliability

Designed for 24/7 operation, these durable metal-housed displays take advantage of superior components to ensure a long product lifetime. Its integrated HeatControl Sensor automatically activates the internal cooling fans, which is crucial when the temperature rises in mission-critical installations.

Anti-Burn-in™

HeatControl Sensor

24/7

PID Command & Ctrl Software

PID Command & Ctrl is a software that allows users to control AG Neovo displays via LAN or RS232 connections. It provides a simple and intuitive interface for remote management, OSD-related settings, and easy control on deployed displays. It also can be used to create video walls within minutes and assist system integrators with setting up displays.

PID COMMAND & CTRL

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Features

- Full HD 1920 x 1080 resolution
- Anti-Burn-in™ technology prevents image ghosting
- 3.5mm ultra narrow bezel for seamless LCD video walls
- DisplayPort 1.2 Multistream funcionality allows for 4K UHD resolution across a 2x2 video wall
- PiP/PbP functions enable multi-source viewing simultaneously*
- Image Enhancer: 3D Comb Filter / Deinterlace / Noise Reduction / Freeze*
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA, Composite, Component
- An integrated scheduler allows content programming based on time and day

- DMR function: play media shared over a local network*
- AlinkTM function for synchronized powering on/off via HDMI*
- Native tiling support for easy video wall setup (up to 5 x 5)
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises
- Black-level adjustment for presenting more details in dark images*
- Selectable gamma curves optimise different kinds of images
- OPS slot ready for easy IPC, media player or HDBaseT receiver integration
- Designed and developed for continuous 24/7 operation

* Features may vary by model

displays.agneovo.com

Specifications	PN-46D	PN-55D	PN-55H
Panel			
Panel Type	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)
Panel Size	46.0"	54.6"	54.6"
Max. Resolution	FHD 1920 x 1080	FHD 1920 x 1080	FHD 1920 x 1080
Pixel Pitch	0.530 mm	0.630 mm	0.630 mm
Brightness	500 cd/m²	500 cd/m²	700 cd/m²
Contrast Ratio	3500:1	1400:1	1400:1
Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
Display Colour	16.7M	1.07B	1.07B
Response Time	5 ms	5 ms	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 25%), 2H Hard Coating	Anti-Glare treatment (Haze 10%), 3H Hard Coating	Anti-Reflection Treatment (Reflectance <2%), 3H Hard Coating
Frequency			
Frequency (H)	31 kHz-92 kHz	31 kHz-92 kHz	31 kHz-92 kHz
Frequency (V)	48 Hz-85 Hz	48 Hz-85 Hz	48 Hz-85 Hz
Signal Input			
DisplayPort	x 1	1.2 x 1	1.2 x 1
HDMI	1.3b x 1	1.3b x 2	1.3b x 2
DVI	24-Pin DVI-D	24-Pin DVI-D	24-Pin DVI-D
VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1	15-Pin D-Sub x 1
Component	BNC x 1	BNC x 1	BNC x 1
Composite	BNC x 1 (Share with Component-Y)	BNC x 1 (Share with Component-Y)	BNC x 1 (Share with Component-Y)
Signal Output			
DisplayPort	-	1.2 x 1	1.2 x 1
DVI	29-Pin DVI-I x 1 (VGA)	29-Pin DVI-I x 1 (VGA)	29-Pin DVI-I x 1 (VGA)
External Control			
IR In	3.5 mm Phone Jack	3.5 mm Phone Jack	3.5 mm Phone Jack
IR Out	3.5 mm Phone Jack	3.5 mm Phone Jack	3.5 mm Phone Jack
RS232 In	9-Pin D-Sub	2.5 mm Phone Jack	2.5 mm Phone Jack
RS232 Out	9-Pin D-Sub	2.5 mm Phone Jack	2.5 mm Phone Jack
LAN	RJ45 x 1	RJ45 x 1	RJ45 x 1
RJ11	Yes	Yes	Yes
Other Connectivity			
USB	-	2.0 x 1 (Service Port / Media Playback)	2.0 x 1 (Service Port / Media Playback)
OPS Slot	Yes	Yes	Yes
Audio			
Audio In	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)
Audio Out	Stereo Audio Jack (RCA)	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
Internal Speakers	10W x 2	10W x 2	10W x 2
Speaker Output (RMS)	10W x 2	10W x 2	10W x 2
Power			
Power Supply	Internal	Internal	Internal
Power Requirements	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
On Mode	135W (On)	127W (On)	167W (On)
Stand-by Mode	< 0.5W	< 0.5W	< 0.5W
Off Mode	< 0.5W	< 0.5W	< 0.5W
Operating Conditions			
Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
Humidity	20%-80% (non-condensing)	20%-80% (non-condensing)	20%-80% (non-condensing)
Storage Conditions			
Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
Humidity	5%-90% (non-condensing)	5%-90% (non-condensing)	5%-90% (non-condensing)
Mounting			
VESA FPMPMI	Yes (400 x 200 mm & 200 x 200 mm)	Yes (400 x 400 mm)	Yes (400 x 400 mm)
Security			
Kensington Security Slot	Yes	Yes	Yes
Dimensions			
Product w/o Base (W x H x D)	1024.0 x 578.6 x 125.7 mm (40.3" x 22.8" x 4.9")	1213.4 x 684.2 x 107.7 mm (47.8" x 26.9" x 4.2")	1213.4 x 684.2 x 107.7 mm (47.8" x 26.9" x 4.2")
Packaging (W x H x D)	1290.0 x 865.0 x 363.0 mm (50.8" x 34.0" x 14.3")	1551.0 x 961.0 x 450.0 mm (61.1" x 37.8" x 17.7")	1551.0 x 961.0 x 450.0 mm (61.1" x 37.8" x 17.7")
Weight			
Product w/o Base	23.0 kg (50.7 lb)	27.0 kg (59.5 lb)	24.9 kg (54.8 lb)
Packaging	32.4 kg (71.4 lb)	39.4 kg (86.8 lb)	37.3 kg (82.1 lb)
Regulation Approval			
Certifications & Compliance	FCC, CE, BSMI, CB, WEEE, RoHS, REACH, EAC	FCC, CB, CE, WEEE, RoHS, REACH, EAC	FCC, CE, BSMI, CB, WEEE, RoHS, REACH, EAC
Accessories			
Supplied	Power Cord, VGA Cable, Remote Control, Batteries, IR Sensor, CD, Power Switch Cover and Screw	Power Cord, VGA Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, IR Sensor, CD	Power Cord, VGA Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, IR Sensor, CD
Optional Accessories			
Floor Mount	FMS-01, FMS-02, FMC-02	FMS-01, FMS-02, FMC-02	FMS-01, FMS-02, FMC-02
Floor Mount (Landscape only)	-	FMC-03+LMK-04, FMC-04+LMK-04	FMC-03+LMK-04, FMC-04+LMK-04
Ceiling Mount	CMP-01+LMK-02, CMP-01+WMK-03	-	-
Ceiling Mount (Landscape only)	CMP-01+LMK-01	CMP-01+LMK-01	CMP-01+LMK-01
Video Wall Mount	VWM-01, VWM-02	VWM-01, VWM-02	VWM-01, VWM-02
Wall Mount	LMA-01, WMA-01, LMK-02, WMK-03	LMA-01	LMA-01
Wall Mount (Landscape only)	LMK-01, LMK-03	LMK-01, LMK-03	LMK-01, LMK-03
Desk Mount (Landscape only)	-	DTS-01	DTS-01
Desk Mount	DTS-01	-	-
Stand	STD-05	STD-05	STD-05

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