

VW-Series LCD Display 55"

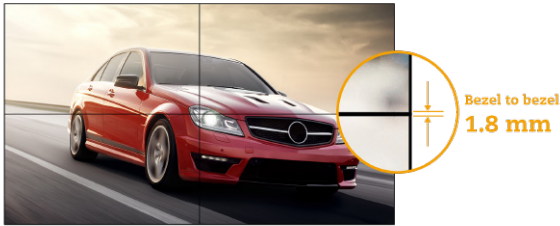


Extremely Narrow Bezel Displays For Captivating Uninterrupted Video Walls



The VW-Series of 55-inch displays is geared for video wall and digital signage use where vivid, eye-catching images are essential. With up to 700 nits of brightness and 1.8mm combined bezels to increase visibility and decrease distractions, these versatile displays incorporate a wide array of video and communication ports and an OPS slot that allows them to adapt to your digital signage needs. The premium-grade panels are further bolstered by Anti-Burn-in™ technology which helps preserve the display in demanding settings, including large venues and even control rooms while performing non-stop 24/7 operations.





Razor-Thin Bezels and High Brightness Panels

To ensure that viewers are presented with a truly immersive visual experience, the VW-Series features panels with brightness levels of up to 700 nits and an anti-glare treatment, which is further enhanced by its 0.9mm even bezels that produce a minuscule 1.8mm bezel-to-bezel transition.

10x10 Video Walls or 4K Multi-Streams via DisplayPort

The UniWall™ feature allows the VW-Series to natively support video walls of up to 10x10 displays that are easily connected via DisplayPort or DVI daisy chains. Furthermore, the DisplayPort's multi-stream capability provides the flexibility of creating a 2x2 4K configuration across four panels.

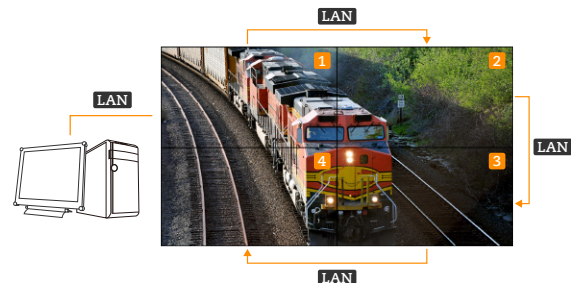


Hassle-Free Management for Large-Scale Digital Signage

The VW-Series' built-in scheduler and OPS slot are complemented by IR, RS232 and LAN loop-through capabilities to easily control, setup and maintain large-scale digital signage video walls installations.

LAN Control Daisy Chain

With the built-in dual LAN ports on the VW-Series displays, all control can be daisy chained through multiple displays by one LAN cable, which reduces the number of cables routed from network switch and installation time.



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.

Features

- Full HD 1920 x 1080 resolution
- 700 nits high brightness panel offers clear images in bright ambient light areas
- Anti-Burn-in™ technology prevents image ghosting
- 1.8mm extremely narrow bezel for borderless LCD video walls
- DisplayPort 1.2 Multistream functionality allows for 4K UHD resolution across a 2x2 video wall
- Image Enhancer: 3D Comb Filter / Deinterlace / Noise Reduction / Freeze
- Media Playback: play photos, PDFs, videos and music from a USB drive, micro SD or the internal storage
- An integrated scheduler allows content programming based on source, time and day
- DMR function: play media shared over a local network

- Alink™ function for synchronized powering on/off via HDMI
- DisplayPort, DVI, RS232, LAN, IR daisy chain support
- Extensive display control: RS232, LAN and PID Command Tool software
- UniWall™ - create video walls (up to 10x10 displays) without third-party equipment
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises
- Selectable gamma curves optimise different kinds of images
- Flexible display orientation: Landscape/Portrait
- Rigorous screening of the components for mission-critical 24/7 applications

Specifications

VW-55D

VW-55H

Panel

Panel Type	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)
Panel Size	54.6"	54.6"
Max. Resolution	FHD 1920 x 1080	FHD 1920 x 1080
Pixel Pitch	0.630 mm	0.630 mm
Brightness	500 cd/m ²	700 cd/m ²
Contrast Ratio	1200:1	1200:1
Viewing Angle (H/V)	178°/178°	178°/178°
Display Colour	1.07B	1.07B
Response Time	5 ms	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 44%), 3H Hard Coating	Anti-Glare Treatment (Haze 44%), 3H Hard Coating

Frequency

Frequency (H)	31 kHz-92 kHz	31 kHz-92 kHz
Frequency (V)	48 Hz-85 Hz	48 Hz-85 Hz

Signal Input

DisplayPort	1.2 x 1	1.2 x 1
HDMI	1.3b x 2	1.3b x 2
DVI	24-Pin DVI-D	24-Pin DVI-D
VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1
Component	BNC x 1	BNC x 1
Composite	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/HDMI/OPS)	29-Pin DVI-I x 1 (VGA/HDMI/OPS)

External Control

IR In	3.5 mm Phone Jack	3.5 mm Phone Jack
IR Out	3.5 mm Phone Jack	3.5 mm Phone Jack
RS232 In	2.5 mm Phone Jack	2.5 mm Phone Jack
RS232 Out	2.5 mm Phone Jack	2.5 mm Phone Jack
LAN	RJ45 x 2	RJ45 x 2
RJ11	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

Audio

Audio In	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 (3.5 mm)	Stereo Audio Jack (3.5 mm)
Internal Speakers	10W x 2	10W x 2
Speaker Output (RMS)	10W x 2	10W x 2

Power

Power Supply	Internal	Internal
Power Requirements	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
On Mode	155W (On)	183W (On)
Stand-by Mode	< 0.5W	< 0.5W
Off Mode	< 0.5W	< 0.5W

Operating Conditions

Temperature	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)

Storage Conditions

Temperature	-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)

Mounting

VESA FPMPMI	Yes (400 x 400 mm)	Yes (400 x 400 mm)
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Security

Kensington Security Slot	Yes	Yes
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Dimensions

Product w/o Base (W x H x D)	1211.4 x 682.2 x 98.5 mm (47.7" x 26.9" x 3.8")	1211.4 x 682.2 x 98.5 mm (47.7" x 26.9" x 3.8")
Packaging (W x H x D)	1475.0 x 983.0 x 375.0 mm (58.1" x 38.7" x 14.8")	1475.0 x 983.0 x 375.0 mm (58.1" x 38.7" x 14.8")

Weight

Product w/o Base	24.4 kg (53.8 lb)	24.4 kg (53.8 lb)
Packaging	36.4 kg (80.0 lb)	36.4 kg (80.0 lb)

Regulation Approval

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

Supplied	Power Cord, DVI Cable, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, IR Sensor, Quick Start Guide	Power Cord, DVI 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	FMS-01, FMS-02, FMC-02
Video Wall Mount	VWM-01, VWM-02	VWM-01, VWM-02
Wall Mount	LMA-01, LMA-02	LMA-01, LMA-02
Stand	STD-05	STD-05
Ceiling Mount (Landscape only)	CMP-01+LMK-01	CMP-01+LMK-01
Wall Mount (Landscape only)	LMK-01, LMK-03	LMK-01, LMK-03
Floor Mount (Landscape only)	FMC-03+LMK-04, FMC-04+LMK-04	FMC-03+LMK-04, FMC-04+LMK-04
Desk Mount (Landscape only)	DTS-01	DTS-01

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