

QX-Series LCD Display 55" | 43" | 32" | 28" | 24"

4K UHD Displays for Detailed Imagery in Surveillance and Signage Environments



4K
ULTRA HD

Anti-Burn-in

METAL CASING

PIP PBP

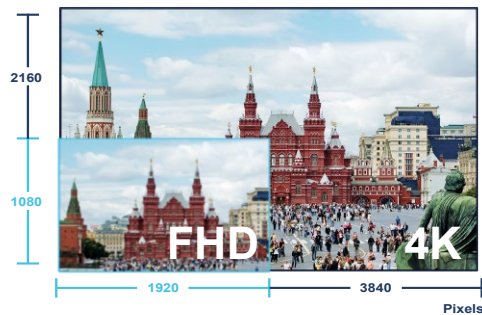
Black Level Alignment

24/7

The QX-Series multi-screen capable UHD displays are designed for demanding surveillance and digital signage applications. Multi-screen viewer enables simultaneous display of multiple signals with up to 4 split screens. In addition to simplifying hardware setup by enabling the use of one display in place of four 1080p monitors, the QX-Series provides the gain in clarity required for real-time and up-close monitoring in traffic management centres, casinos, emergency operations centres and other public installations.



* Stands are included with 24" and 28" models only.

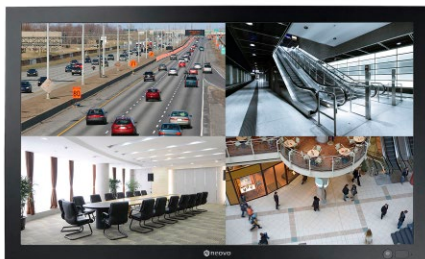


Experience the 4K Difference

Don't miss a single detail with this powerful 4K display. View smooth 4K video and graphics with a new level of detail and clarity. Offering 8.3 million pixels, the QX-Series provides sufficient resolution for even the most demanding surveillance and digital signage applications.

Easy Control and Integration

Its built-in RS232 and Ethernet control capabilities make the QX-Series easy to control and integration a breeze. Whether it is a local serial management connection or a remote network installation, the QX-Series can be managed in multiple scenarios and applications.

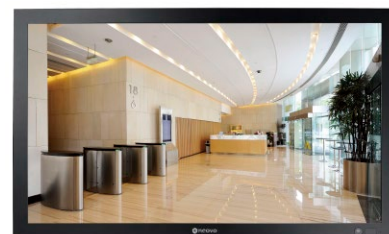


Multi-screen Viewer; One display, Four screens

Beyond traditional two-input Picture-by-Picture (PIP) feature, the QX-Series' multi-screen viewer can display up to four full HD screens simultaneously from four different input sources. This advanced feature allows it to replace a typical four monitor setup and delivers four-quadrant viewing at crisp and true Full HD content.

Industry-leading Reliability

Designed for 24/7 operation, these durable metal-housed displays protected with NeoV™ Optical Glass take advantage of superior components to ensure a long product lifetime. Its integrated HeatControl Sensors* automatically activate the internal cooling fans, which is crucial when the temperature rises in mission-critical installations.



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

- 4K UHD 3840 x 2160 resolution
- Anti-Burn-in™ technology prevents image ghosting
- NeoV™ Optical Glass protects the screen from scratches and other damages
- Durable metal housing
- Multi-screen Viewer under PiP/PbP function allows displaying up to four split screens from four individual input sources.
- Image Enhancer: Deinterlace / Noise Reduction
- RS232/IR control support - provides compatibility with control systems
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises (32", 43" and 55" only)

- Flicker-free display technology reduces eye discomfort (24" and 28" only)
- Blue-light filter and Flicker-free display technology reduces eye discomfort
- Black-level adjustment for presenting more details in dark images
- Selectable gamma curves optimise different kinds of images
- Built-in speakers
- Premium-grade panel for high reliability and long product lifetime
- Height adjustable stand allows users to tilt, pivot and swivel (24" and 28" only)

* Features may vary by model



Specifications

QX-55

QX-43

QX-32

Panel	Panel Type	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (VA Technology)
	Panel Size	54.6"	42.5"	32.0"
	Max. Resolution	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160
	Pixel Pitch	0.315 mm	0.245 mm	0.185 mm
	Brightness	450 cd/m ²	500 cd/m ²	350 cd/m ²
	Contrast Ratio	20,000,000:1 (DCR)	20,000,000:1 (DCR)	20,000,000:1 (DCR)
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Disply Colour	1.07B	16.7M	1.07B
	Response Time	5 ms	5 ms	5 ms
	Surface Treatment	Anti-Glare Treatment (Haze 11%), 3H Hard Coating	Anti-Glare Treatment (Haze 44%), 3H Hard Coating	Anti-Glare Treatment (Haze 25%), 3H Hard Coating
Frequency (H/V)	H Freq. V Freq.	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz
Input	DisplayPort HDMI DVI VGA	1.2 x 1 2.0 x 1 24-Pin DVI-D x 1 15-Pin D-Sub x 1	1.2 x 1 2.0 x 1 24-Pin DVI-D x 1 15-Pin D-Sub x 1	1.2 x 1 2.0 x 1 24-Pin DVI-D x 1 15-Pin D-Sub x 1
External Control	RS232 In LAN (RJ45)	9-Pin D-Sub Yes	9-Pin D-Sub Yes	9-Pin D-Sub Yes
Other Connectivity	USB	2.0 x 1 (Service Port)	2.0 x 1 (Service Port)	2.0 x 1 (Service Port)
Audio	Audio In Internal Speakers	Stereo Audio Jack (3.5 mm) 10W x 2	Stereo Audio Jack (3.5 mm) 10W x 2	Stereo Audio Jack (3.5 mm) 10W x 2
Power	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	Internal AC 100-240V, 50/60 Hz 126W (On) < 0.5W < 0.5W	Internal AC 100-240V, 50/60 Hz 113W (On) < 0.5W < 0.5W	Internal AC 100-240V, 50/60 Hz 55W (On) < 0.5W < 0.5W
NeoV™ Optical Glass	Thickness Reflection Rate Transmission Rate Hardness	4.0 mm (0.16") < 1% > 97% > 9H	4.0 mm (0.16") < 1% > 97% > 9H	3.0 mm (0.12") < 1% > 97% > 9H
Operating Conditions	Temperature Humidity	0°C-40°C (32°F-104°F) 10%-90% (non-condensing)	0°C-40°C (32°F-104°F) 10%-90% (non-condensing)	0°C-40°C (32°F-104°F) 10%-90% (non-condensing)
Storage Conditions	Temperature Humidity	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)
Mounting	VESA FPMPI	Yes (400 x 400 mm & 400 x 200 mm)	Yes (400 x 400 mm & 400 x 200 mm)	Yes (400 x 200 mm & 200 x 200 mm)
Dimensions	w/o base (W x H x D) Packaging (W x H x D)	1271.0 x 742.0 x 87.0 mm (50.0" x 29.2" x 3.4") 1430.0 x 830.0 x 185.0 mm (56.3" x 32.7" x 7.3")	1002.5 x 589.6 x 87.0 mm (39.5" x 23.2" x 3.4") 1135.0 x 688.0 x 185.0 mm (44.7" x 27.1" x 7.3")	771.0 x 461.0 x 77.0 mm (30.4" x 18.1" x 2.8") 860.0 x 555.0 x 150.0 mm (33.9" x 21.9" x 5.9")
Weight	w/o base Packaging	39.1 kg (86.2 lb) 47.2 kg (104.1 lb)	27.1 kg (59.7 lb) 31.9 kg (70.3 lb)	15.7 kg (34.6 lb) 19.0 kg (41.9 lb)
Regulation Approval	Certifications & Compliance	CB, CE, RoHS, WEEE, REACH, EAC	CB, CE, RoHS, WEEE, REACH, EAC	CB, CE, RoHS WEEE, REACH, EAC
Accessories	Supplied	Power Cord, HDMI Cable, Remote Control, Batteries, Quick Start Guide	Power Cord, HDMI Cable, Remote Control, Batteries, Quick Start Guide	Power Cord, HDMI Cable, Remote Control, Batteries, Quick Start Guide
Optional Accessories		Video Wall Mounts: VWM-01, VWM-02 Stand: STD-03A Floor Mount: FMC-04 + LMK-04 Ceiling Mount (Landscape only): CMP-01 + LMK-01 Wall Mounts (Landscape only): LMK-01, LMK-03 Floor Mounts (Landscape only): FMC-03 + LMK-04, FMC-04 + LMK-04	Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounts: VWM-01, VWM-02 Stand: STD-03A Ceiling Mounts (Landscape only): CMP-01 + LMK-01, CMP-01 + LMK-02 Wall Mounts (Landscape only): LMA-01, LMK-01, LMK-02, LMK-03	Floor Mounts: FMS-01, FMS-02, FMC-02 Ceiling Mounts: CMP-01+ LMK-02, CMP-01+ WMK-03 Wall Mounts: LMA-01, WMA-01, LMK-02, WMK-03 Stand: STD-02A



Specifications

		QX-28	QX-24
Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time Surface Treatment	LED-Backlit TFT LCD (TN Technology) 27.9" UHD 3840 x 2160 0.160 mm 300 cd/m ² 20,000,000:1 (DCR) 170°/160° 1.07B 3 ms Anti-Glare Treatment (Haze 25%), 3H Hard Coating	LED-Backlit TFT LCD (IPS Technology) 23.8" UHD 3840 x 2160 0.137 mm 300 cd/m ² 20,000,000:1 (DCR) 178°/178° 1.07B 5 ms Anti-Glare Treatment (Haze 25%), 3H Hard Coating
Frequency (H/V)	H Freq. V Freq.	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz
Input	DisplayPort HDMI DVI VGA	1.2 x 1 2.0 x 1 24-Pin DVI-D x 1 15-Pin D-Sub x 1	1.2 x 1 2.0 x 1 24-Pin DVI-D x 1 15-Pin D-Sub x 1
External Control	RS232 In LAN (RJ45)	9-Pin D-Sub Yes	9-Pin D-Sub Yes
Other Connectivity	USB	2.0 x 1 (Service Port)	2.0 x 1 (Service Port)
Audio	Audio In Internal Speakers	Stereo Audio Jack (3.5 mm) 3W x 2	Stereo Audio Jack (3.5 mm) 3W x 2
Power	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	External DC 12V, 3.4A 24W (On) < 0.5W < 0.5W	External DC 12V, 4.3A 31W (On) < 0.5W < 0.5W
NeoV™ Optical Glass	Thickness Reflection Rate Transmission Rate Hardness	3.0 mm (0.12") < 1% > 97% > 9H	3.0 mm (0.12") < 1% > 97% > 9H
Operating Conditions	Temperature Humidity	0°C-40°C (32°F-104°F) 10%-90% (non-condensing)	0°C-40°C (32°F-104°F) 10%-90% (non-condensing)
Storage Conditions	Temperature Humidity	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)
Mounting	VESA FPM/PMI	Yes (100 x 100 mm & 100 x 200 mm)	Yes (100 x 100 mm & 100 x 200 mm)
Stand	Tilt Pivot Swivel Height Adjustment	0° to 22° 0° to 90° ± 45° 100 mm	0° to 27° 0° to 90° ± 45° 100 mm
Security	Kensington Security Slot	Yes	Yes
Dimensions	w/Base (W x H x D) Packaging (W x H x D)	681.0 x 565.5 x 270.0 mm (26.8" x 22.3" x 10.6") 778.0 x 538.0 x 250.0 mm (30.6" x 21.2" x 9.8")	572.6 x 514.0 x 270.0 mm (22.5" x 20.2" x 10.6") 720.0 x 481.0 x 250.0 mm (28.4" x 18.9" x 9.8")
Weight	w/Base Packaging	13.3 kg (29.3 lb) 16.5 kg (36.4 lb)	10.1 kg (22.3 lb) 13.1 kg (28.9 lb)
Regulation Approval	Certifications & Compliance	CB, CE, RoHS, WEEE, REACH, EAC	CB, CE, RoHS, WEEE, REACH, EAC
Accessories	Supplied	Power Adaptor, Power Cord, HDMI Cable, Remote Control, Batteries, Quick Start Guide, Warranty Card	Power Adaptor, Power Cord, HDMI Cable, Remote Control, Batteries, Quick Start Guide, Warranty Card
Optional Accessories		Ceiling Mount: CMP-01 + WMK-03 Wall Mounts: LMA-01, WMK-01, WMK-03, PMK-01	Ceiling Mount: CMP-01 + WMK-03 Wall Mounts: LMA-01, WMK-01, WMK-03, PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q