

# QX-Series LED-backlit Display 55" | 43" | 32" | 28" | 24"

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

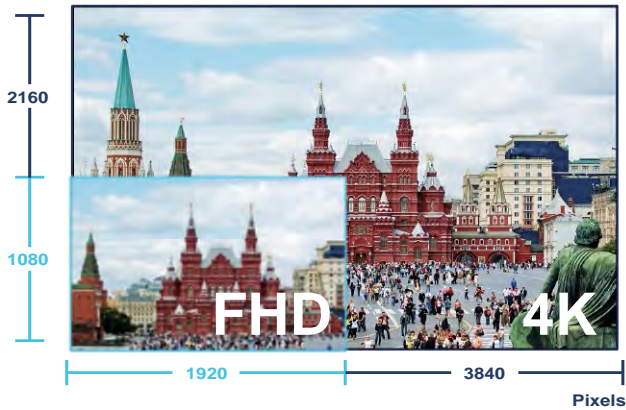


- 4K ULTRA HD
- Anti-Burn-in
- METAL CASING
- PIP PBP
- Black Level Alignment
- 24/7

The QX-Series multi-screen capable UHD displays are designed for demanding surveillance and digital signage applications. Multi-screen viewing 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.

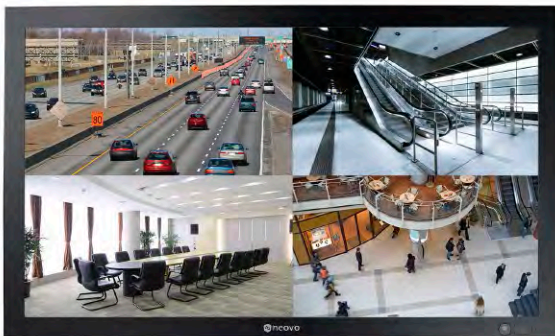


### Experience the 4K Difference

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.



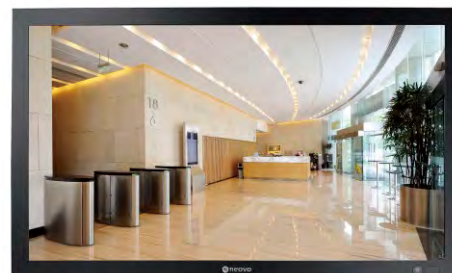
### Multi-Screen Viewer

With the Picture-by-Picture (PbP) feature and up to four inputs, you can display four full-resolution (unscaled) 1080p windows on a single display. This delivers four-quadrant viewing at crisp, true Full HD, a significant visual gain over the lower qHD (960 x 540) resolution delivered when a 1080p display is divided four ways.

### 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.

\*Features may vary by model.



## 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
- PiP/PbP functions enable multi-source viewing simultaneously
- 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
- Gamma selection and black-level adjustment
- 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)



**QX-55**



**QX-43**



**QX-32**

## Specifications

Panel	Panel Type	LED-Backlit TFT LCD (VA Technology)	Panel Type	LED-Backlit TFT LCD (VA Technology)	Panel Type	LED-Backlit TFT LCD (VA Technology)	
Panel Size	54.6"	UHD 3840 x 2160	Panel Size	42.5"	UHD 3840 x 2160	Panel Size	32.0"
Max. Resolution	0.315 mm	450 cd/m <sup>2</sup>	Max. Resolution	0.245 mm	500 cd/m <sup>2</sup>	Max. Resolution	0.185 mm
Pixel Pitch	20,000,000:1 (DCR)	178°/178°	Pixel Pitch	20,000,000:1 (DCR)	178°/178°	Pixel Pitch	20,000,000:1 (DCR)
Brightness	1.07B	5 ms	Brightness	16.7M	5 ms	Brightness	1.07B
Contrast Ratio	Anti-Glare Treatment (Haze 11%), 3H Hard Coating		Contrast Ratio	Anti-Glare Treatment (Haze 44%), 3H Hard Coating		Contrast Ratio	Anti-Glare Treatment (Haze 25%), 3H Hard Coating
Viewing Angle (H/V)			Viewing Angle (H/V)			Viewing Angle (H/V)	
Display Colour			Display Colour			Display Colour	
Response Time			Response Time			Response Time	
Surface Treatment			Surface Treatment			Surface Treatment	
Frequency (H/V)	H Freq.	31 kHz-92 kHz	V Freq.	48 Hz-85 Hz		H Freq.	31 kHz-92 kHz
Input	DisplayPort	1.2 x 1	HDMI	2.0 x 1	24-Pin DVI-D x 1	V Freq.	48 Hz-85 Hz
External Control	RS232 In	9-Pin D-Sub	LAN (RJ45)	Yes		HDMI	2.0 x 1
Other Connectivity	USB	2.0 x 1 (Service Port)				24-Pin DVI-D x 1	2.0 x 1
Audio	Audio In	Stereo Audio Jack (3.5 mm)	Internal Speakers	10W x 2		15-Pin D-Sub x 1	2.0 x 1 (Service Port)
Power	Power Supply	Internal	Power Requirements	AC 100-240V, 50/60 Hz	126W (On)		
NeoV™ Optical Glass	Thickness	4.0 mm (0.16")	Reflection Rate	< 1%	> 97%		
Operating Conditions	Temperature	0°C-40°C (32°F-104°F)	Humidity	10%-90% (non-condensing)			
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)	Humidity	5%-95% (non-condensing)			
Mounting	VESA FPMPI	Yes (400 x 400 mm & 400 x 200 mm)					
Dimensions	w/o base	1271.0 x 742.0 x 87.0 mm	(W x H x D)	50.0" x 29.2" x 3.4"	1430.0 x 830.0 x 185.0 mm		
Weight	w/o base	39.1 kg (86.2 lb)	Packaging	47.2 kg (104.1 lb)			
Regulation Approval	Certifications & Compliance	CB, CE, RoHS, WEEE, REACH, EAC					
Accessories	Supplied	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					



### QX-28



### QX-24

Specifications		QX-28	QX-24
<b>Panel</b>	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 <sup>2</sup> 20,000,000:1 (DCR) 170°/160° 1.07B 3 ms Anti-Glare Treatment (Haze 25%), 3H Hard Coating	LED-Backlit TFT LCD (VA Technology) 23.8" UHD 3840 x 2160 0.137 mm 300 cd/m <sup>2</sup> 20,000,000:1 (DCR) 178°/178° 1.07B 5 ms Anti-Glare Treatment (Haze 25%), 3H Hard Coating
<b>Frequency (H/V)</b>	H Freq. V Freq.	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz
<b>Input</b>	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
<b>External Control</b>	RS232 In LAN (RJ45)	9-Pin D-Sub Yes	9-Pin D-Sub Yes
<b>Other Connectivity</b>	USB	2.0 x 1 (Service Port)	2.0 x 1 (Service Port)
<b>Audio</b>	Audio In Internal Speakers	Stereo Audio Jack (3.5 mm) 3W x 2	Stereo Audio Jack (3.5 mm) 3W x 2
<b>Power</b>	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	External DC 12V, 3.4A 33W (On) < 0.5W < 0.5W	External DC 12V, 4.3A 33W (On) < 0.5W < 0.5W
<b>NeoV™ Optical Glass</b>	Thickness Reflection Rate Transmission Rate Hardness	3.0 mm (0.12") < 1% > 97% > 9H	3.0 mm (0.12") < 1% > 97% > 9H
<b>Operating Conditions</b>	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)
<b>Storage Conditions</b>	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)
<b>Mounting</b>	VESA FPMPMI	Yes (100 x 100 mm & 100 x 200 mm)	Yes (100 x 100 mm & 100 x 200 mm)
<b>Stand</b>	Tilt Pivot Swivel Height Adjustment	0° to 22° 0° to 90° ± 45° 100 mm	0° to 27° 0° to 90° ± 45° 100 mm
<b>Security</b>	Kensington Security Slot	Yes	Yes
<b>Dimensions</b>	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")
<b>Weight</b>	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)
<b>Regulation Approval</b>	Certifications & Compliance	CB, CE, RoHS, WEEE, REACH, EAC	CB, CE, RoHS, WEEE, REACH, EAC
<b>Accessories</b>	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
<b>Optional Accessories</b>		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