

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

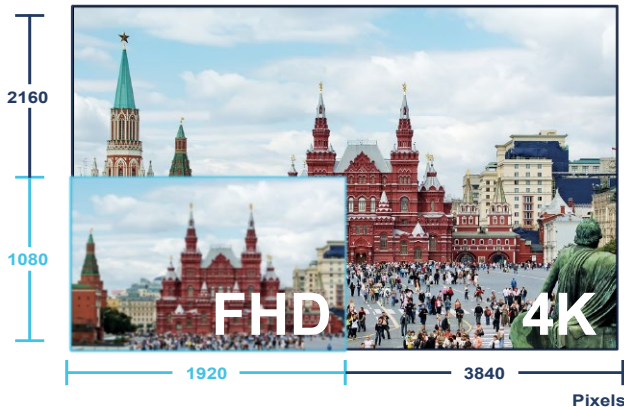
## 4K UHD Displays for Detailed Imagery in Surveillance and Signage Environments



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.

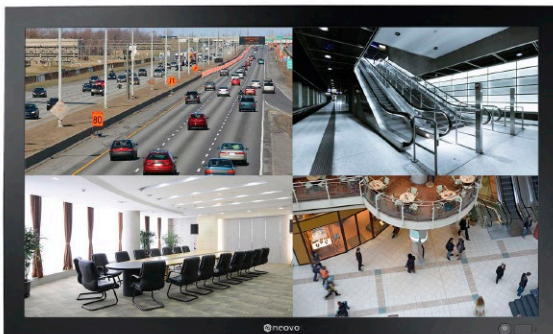


### Experience the 4K Difference

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.



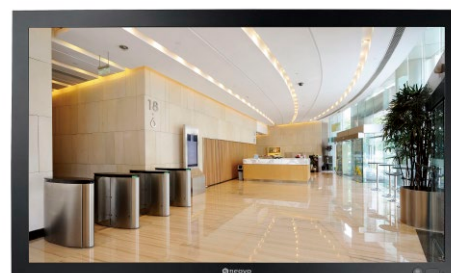
### Multi-Screen Viewer

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
- PiP/PbP functions enable multi-source viewing simultaneously
- RS232, IR device control support
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises (32", 43", 55" only)
- Blue-light filter reduces eyestrain after long periods of use
- Selectable gamma curves optimise different kinds of images
- Black-level adjustment for presenting more details in dark images
- Flicker-free display technology reduces eye discomfort (24" and 28" only)
- Height adjustable stand allows users to tilt, pivot and swivel (24" and 28" only)
- Built-in speakers
- Premium-grade panel for high reliability and long product lifetime
- Durable metal housing



## Specifications

		QX-55	QX-43	QX-32
<b>Panel</b>	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Disply Colour Response Time	LED-Backlit TFT LCD (VA Technology) 54.6" UHD 3840 x 2160 0.315 mm 450 cd/m <sup>2</sup> 4000:1 178°/178° 1.07B 5 ms	LED-Backlit TFT LCD (VA Technology) 42.5" UHD 3840 x 2160 0.245 mm 500 cd/m <sup>2</sup> 3000:1 178°/178° 16.7M 5 ms	LED-Backlit TFT LCD (VA Technology) 32.0" UHD 3840 x 2160 0.185 mm 350 cd/m <sup>2</sup> 1000:1 178°/178° 1.07B 5 ms
<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	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	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	9-Pin D-Sub Yes
<b>Other Connectivity</b>	USB	2.0 x 1 (Service Port)	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) x 1 10W x 2	Stereo Audio Jack (3.5 mm) x 1 10W x 2	Stereo Audio Jack (3.5 mm) x 1 10W x 2
<b>Power</b>	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	Internal 100-240Vac, 50-60 Hz < 126W (On) < 0.5W < 0.5W	Internal 100-240Vac, 50-60 Hz < 113W (On) < 0.5W < 0.5W	Internal 100-240Vac, 50-60 Hz < 55W (On) < 0.5W < 0.5W
<b>NeoV™ Optical Glass</b>	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
<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)	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)	-20°C-60°C (-4°F-140°F) 5%-95% (non-condensing)
<b>Mounting</b>	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)
<b>Dimensions</b>	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")
<b>Weight</b>	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)
<b>Regulation Approval</b>	Certifications & Compliance	CB, CE, RoHS, WEEE, REACH	CB, CE, RoHS, WEEE, REACH	CB, CE, RoHS, WEEE, REACH
<b>Accessories</b>	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
<b>Optional Accessories</b>		Video Wall Mounts: VWM-01, VWM-02 Stand: STD-03 Floor Mount: FMC-04 + LMK-04 Ceiling Mount (Landscape only): CMP-01 + LMK-01 Wall Mounts (Landscape only): LMK-03, LMK-04	Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounts: VWM-01, VWM-02 Wall Mount: WMA-01 Stand: STD-03 Ceiling Mounts (Landscape only): CMP-01 + LMK-01, CMP-01 + LMK-02 Wall Mounts (Landscape only): LMK-01, LMK-02, LMK-03, LMK-04	Floor Mounts: FMS-01, FMS-02, FMC-02 Wall Mounts: LMA-01, WMA-01 Stand: STD-02 Ceiling Mounts (Landscape only): CMP-01 + LMK-02, CMP-01 + WMK-03



## Specifications

		<b>QX-28</b>	<b>QX-24</b>
<b>Panel</b>	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time	LED-Backlit TFT LCD (TN Technology) 27.9" UHD 3840 x 2160 0.160 mm 300 cd/m <sup>2</sup> 1000:1 170°/160° 1.07B 3 ms	LED-Backlit TFT LCD (VA Technology) 23.8" UHD 3840 x 2160 0.137 mm 300 cd/m <sup>2</sup> 1000:1 178°/178° 1.07B 5 ms
<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) x 1 3W x 2	Stereo Audio Jack (3.5 mm) x 1 3W x 2
<b>Power</b>	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 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 weight	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	CB, CE, RoHS, WEEE, REACH
<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>		Wall Mount: PMK-01 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mounts (Landscape only): WMA-01, LMK-02	Wall Mount: PMK-01 Desk Mounts: DMC-02D, DMS-01D Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mounts (Landscape only): WMA-01, WMK-01, WMK-03