QX-Series LED-backlit Display 55" | 43" | 32" | 28" | 24"
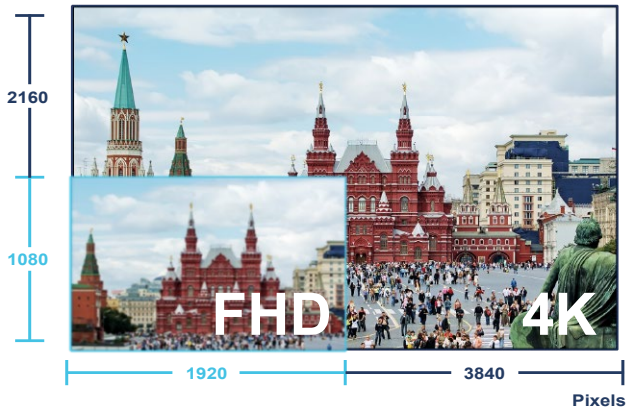
4K UHD Displays for Detailed Imagery in Surveillance and Signage Environments

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.

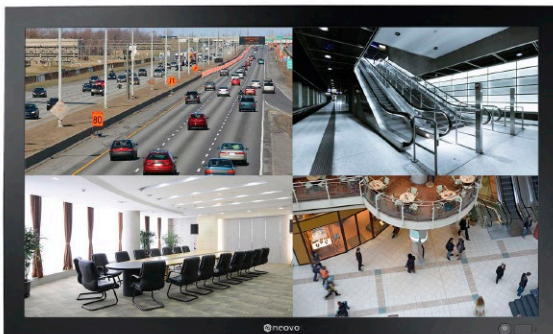*Stands are included with 24" and 28" models only.*

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.
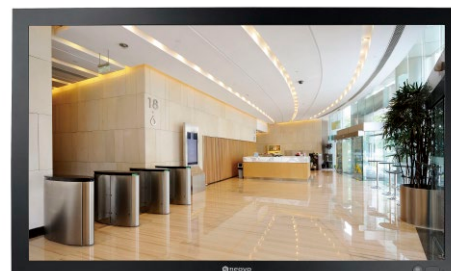

Multi-Screen Viewer

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.

Anti-Burn-in™

NeoV™ OPTICAL GLASS

HeatControl Sensor

24/7

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 compatiblity 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)

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/m²	500 cd/m²	350 cd/m²
	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
Frequency (H/V)	H Freq.	31 kHz-92 kHz	31 kHz-92 kHz	31 kHz-92 kHz
	V Freq.	48 Hz-85 Hz	48 Hz-85 Hz	48 Hz-85 Hz
Input	DisplayPort	1.2 x 1	1.2 x 1	1.2 x 1
	HDMI	2.0 x 1	2.0 x 1	2.0 x 1
	DVI	24-Pin DVI-D x 1	24-Pin DVI-D x 1	24-Pin DVI-D x 1
	VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1	15-Pin D-Sub x 1
External Control	RS232 In	9-Pin D-Sub	9-Pin D-Sub	9-Pin D-Sub
	LAN (RJ45)	Yes	Yes	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	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
	Internal Speakers	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	126W (On)	113W (On)	55W (On)
	Stand-by Mode	< 0.5W	< 0.5W	< 0.5W
	Off Mode	< 0.5W	< 0.5W	< 0.5W
NeoV™ Optical Glass	Thickness	4.0 mm (0.16")	4.0 mm (0.16")	3.0 mm (0.12")
	Reflection Rate	< 1%	< 1%	< 1%
	Transmission Rate	> 97%	> 97%	> 97%
	Hardness	> 9H	> 9H	> 9H
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	10%-90% (non-condensing)	10%-90% (non-condensing)	10%-90% (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%-95% (non-condensing)	5%-95% (non-condensing)	5%-95% (non-condensing)
Mounting	VESA FPMPMI	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)	1271.0 x 742.0 x 87.0 mm (50.0" x 29.2" x 3.4")	1002.5 x 589.6 x 87.0 mm (39.5" x 23.2" 3.4")	771.0 x 461.0 x 77.0 mm (30.4" x 18.1" x 2.8")
	Packaging (W x H x D)	1430.0 x 830.0 x 185.0 mm (56.3" x 32.7" x 7.3")	1135.0 x 688.0 x 185.0 mm (44.7" x 27.1 x 7.3")	860.0 x 555.0 x 150.0 mm (33.9" x 21.9" x 5.9")
Weight	w/o base	39.1 kg (86.2 lb)	27.1 kg (59.7 lb)	15.7 kg (34.6 lb)
	Packaging	47.2 kg (104.1 lb)	31.9 kg (70.3 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

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Specifications		QX-28	QX-24
Panel	Panel Type	LED-Backlit TFT LCD (TN Technology)	LED-Backlit TFT LCD (VA Technology)
	Panel Size	27.9"	23.8"
	Max. Resolution	UHD 3840 x 2160	UHD 3840 x 2160
	Pixel Pitch	0.160 mm	0.137 mm
	Brightness	300 cd/m²	300 cd/m²
	Contrast Ratio	20,000,000:1 (DCR	20,000,000:1 (DCR)
	Viewing Angle (H/V)	170°/160°	178°/178°
	Disply Colour	1.07B	1.07B
	Response Time	3 ms	5 ms
Frequency (H/V)	H Freq.	31 kHz-92 kHz	31 kHz-92 kHz
	V Freq.	48 Hz-85 Hz	48 Hz-85 Hz
Input	DisplayPort	1.2 x 1	1.2 x 1
	HDMI	2.0 x 1	2.0 x 1
	DVI	24-Pin DVI-D x 1	24-Pin DVI-D x 1
	VGA	15-Pin D-Sub x 1	15-Pin D-Sub x 1
External Control	RS232 In	9-Pin D-Sub	9-Pin D-Sub
	LAN (RJ45)	Yes	Yes
Other Connectivity	USB	2.0 x 1 (Service Port)	2.0 x 1 (Service Port)
Audio	Audio In	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
	Internal Speakers	3W x 2	3W x 2
Power	Power Supply	External	External
	Power Requirements	DC 12V, 3.4A	DC 12V, 4.3A
	On Mode	24W (On)	33W (On)
	Stand-by Mode	< 0.5W	< 0.5W
	Off Mode	< 0.5W	< 0.5W
NeoV™ Optical Glass	Thickness	3.0 mm (0.12")	3.0 mm (0.12")
	Reflection Rate	< 1%	< 1%
	Transmission Rate	> 97%	> 97%
	Hardness	> 9H	> 9H
Operating Conditions	Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
	Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
	Humidity	5%-95% (non-condensing)	5%-95% (non-condensing)
Mounting	VESA FPMPMI	Yes (100 x 100 mm & 100 x 200 mm)	Yes (100 x 100 mm & 100 x 200 mm)
Stand	Tilt	0° to 22°	0° to 27°
	Pivot	0° to 90°	0° to 90°
	Swivel	± 45°	± 45°
	Height Adjustment	100 mm	100 mm
Security	Kensington Security Slot	Yes	Yes
Dimensions	w/Base (W x H x D)	681.0 x 565.5 x 270.0 mm (26.8" x 22.3" x 10.6")	572.6 x 514.0 x 270.0 mm (22.5" x 20.2" x 10.6")
	Packaging (W x H x D)	778.0 x 538.0 x 250.0 mm (30.6" x 21.2" x 9.8")	720.0 x 481.0 x 250.0 mm (28.4" x 18.9" x 9.8")
Weight	w/Base	13.3 kg (29.3 lb)	10.1 kg (22.3 lb)
	Packaging	16.5 kg (36.4 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

REACH   RoHS COMPLIANT   WEEE

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