

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.

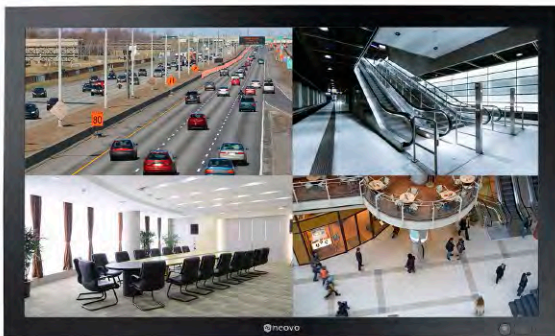


Experience the 4K Difference

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.



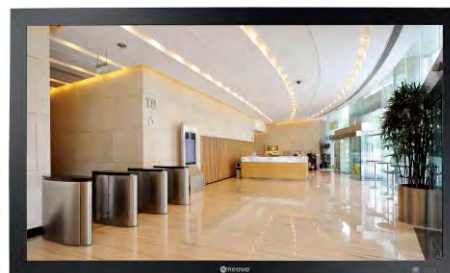
Multi-Screen Viewer

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



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/m ²	300 cd/m ²
	Contrast Ratio	20,000,000:1 (DCR)	20,000,000:1 (DCR)
	Viewing Angle (H/V)	170°/160°	178°/178°
	Display Colour	1.07B	1.07B
	Response Time	3 ms	5 ms
	Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating	Anti-Glare Treatment (Haze 25%), 3H Hard Coating
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 In	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
Audio	Internal Speakers	3W x 2	3W x 2
	Power Supply	External	External
Power	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 FPM PMI	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	Ceiling Mount: CMP-01 + WMK-03
		Wall Mounts: LMA-01, WMK-01, WMK-03, PMK-01	Wall Mounts: LMA-01, WMK-01, WMK-03, PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q