

THE DISPLAY CHOICE OF PROFESSIONALS

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



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 fourquadrant 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<sup>TM</sup> 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<sup>TM</sup> technology prevents image ghosting
- $\bullet$  NeoV^{\rm TM} 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
- $\bullet$  RS232/IR control support provides compatiblity with control
- systemsEcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions

•	HeatContro	l Sensors	automatio	cally activa	ite the i	nternal coolii	ng fans v	when
	temperature	rises (32	", 43" and	55" only)				
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- 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)

Specification	5	QX-55	QX-43	QX-32	
Panel	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Disply Colour Response Time Surface Treatment	LED-Backlit TFT LCD (VA Technology) 54.6" UHD 3840 x 2160 0.315 mm 450 cd/m <sup>2</sup> 20,000,000:1 (DCR) 178°/178° 1.07B 5 ms Anti-Glare Treatment (Haze 11%), 3H Hard Coating	LED-Backlit TFT LCD (VA Technology) 42.5" UHD 3840 x 2160 0.245 mm 500 cd/m <sup>2</sup> 20,000,000:1 (DCR) 178°/178° 16.7M 5 ms Anti-Glare Treatment (Haze 44%), 3H Hard Coating	LED-Backlit TFT LCD (VA Technology) 32.0" UHD 3840 x 2160 0.185 mm 350 cd/m <sup>2</sup> 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	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 Operating	Thickness Reflection Rate Transmission Rate Hardness	4.0 mm (0.16") < 1% > 97% > 9H 0°C-40°C (32°F-104°F)	4.0 mm (0.16") < 1% > 97% > 9H 0°C-40°C (32°F-104°F)	3.0 mm (0.12") < 1% > 97% > 9H 0°C-40°C (32°F-104°F)	
Conditions	Temperature Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)	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 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) 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: 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	

Floor Mounts (Landscape only):

FMC-03 + LMK-04, FMC-04 + LMK-04

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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 300 cd/m <sup>2</sup>	0.137 mm 300 cd/m <sup>2</sup>	
	Brightness 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	
	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	
T	V Freq.	48 Hz-85 Hz	48 Hz-85 Hz	
Input	DisplayPort HDMI	1.2 x 1 2.0 x 1	1.2 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 Internal Speakers	Stereo Audio Jack (3.5 mm) 3W x 2	Stereo Audio Jack (3.5 mm) 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™	Thickness	3.0 mm (0.12")	3.0 mm (0.12")	
Optical Glass	Reflection Rate Transmission Rate	< 1% > 97%	< 1% > 97%	
	Hardness	> 9H	> 9H	
Operating	Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	
Conditions	Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)	
Storage	Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)	
Conditions Mounting	Humidity VESA FPMPMI	5%-95% (non-condensing) Yes (100 x 100 mm & 100 x 200 mm)	5%-95% (non-condensing) 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) 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	13.3 kg (29.3 lb)	10.1 kg (22.3 lb)	
5	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	

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