AG neovo

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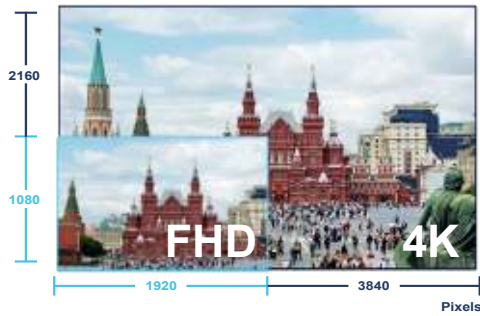
4K UHD Displays for Detailed Imagery in Surveillance and Signage Environments

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 viewer 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 LAN and RS232 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 viewier allows all 4 signal sources being displayed in 4 screens simultaneously.

Multi-screen Viewer; One display, Four screens

Beyond traditional two-input Picture-by-Picture (PIP) feature, the QX-Series' multi-screen viewer can display up to four full HD screens simultaneously from four different input sources. This advanced feature allows it to replace a typical four monitor setup and delivers four-quadrant viewing at crisp and true Full HD content.

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.

PID Command & Ctrl Software

PID Command & Ctrl is a software that allows users to control AG Neovo displays via LAN or RS232 connections. It provides a simple and intuitive interface for remote management, OSD-related settings, and easy control on deployed displays. It also can be used to create video walls within minutes and assist system integrators with setting up displays.

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
- Multi-screen Viewer under PiP/PbP function allows displaying up to four split screens from four individual input sources.
- 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
- 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)

* Features may vary by model

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Specifications	QX-24	QX-28
Panel		
Panel Type	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (TN Technology)
Panel Size	23.8"	27.9"
Max. Resolution	UHD 3840 x 2160	UHD 3840 x 2160
Pixel Pitch	0.137 mm	0.160 mm
Brightness	300 cd/m²	300 cd/m²
Contrast Ratio	20,000,000:1 (DCR)	20,000,000:1 (DCR)
Viewing Angle (H/V)	178°/178°	170°/160°
Display Colour	1.07B	1.07B
Response Time	5 ms	3 ms
Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating	Anti-Glare Treatment (Haze 25%), 3H Hard Coating
Frequency		
Frequency (H)	31 kHz-92 kHz	31 kHz-92 kHz
Frequency (V)	48 Hz-85 Hz	48 Hz-85 Hz
Signal Input		
DisplayPort	1.2 x 1	1.2 x 1
HDMI	2.0 x 1	2.0 x 1
DVI	24-Pin DVI-D	24-Pin DVI-D
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 x 1	RJ45 x 1
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, 4.3A	DC 12V, 3.4A
On Mode	31W (On)	24W (On)
Stand-by Mode	< 0.5W	< 0.5W
Off Mode	< 0.5W	< 0.5W
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 27°	0° to 22°
Pivot	0° to 90°	0° to 90°
Swivel	± 45°	± 45°
Height Adjustment	100 mm	100 mm
Security		
Kensington Security Slot	Yes	Yes
Dimensions		
Product with Base (W x H x D)	572.6 x 514.0 x 270.0 mm (22.5" x 20.2" x 10.6")	681.0 x 565.5 x 270.0 mm (26.8" x 22.3" x 10.6")
Product w/o Base (W x H x D)	572.6 x 350.0 x 56.0 mm (22.5" x 13.8" x 2.2")	681.0 x 405.0 x 59.8 mm (26.8" x 15.9" x 2.4")
Packaging (W x H x D)	720.0 x 481.0 x 250.0 mm (28.4" x 18.9" x 9.8")	778.0 x 538.0 x 250.0 mm (30.6" x 21.2" x 9.8")
Weight		
Product w/o Base	7.3 kg (16.1 lb)	10.4 kg (22.9 lb)
Product with Base	10.1 kg (22.3 lb)	13.3 kg (29.3 lb)
Packaging	13.1 kg (28.9 lb)	16.5 kg (36.4 lb)
Regulation Approval		
Certifications & Compliance	CB, CE,WEEE, RoHS, REACH, EAC	CB, CE, WEEE, RoHS, REACH, EAC
Power Adaptor Certifications	-	CHANNEL WELL / KPL-066F: CE, FCC, cUL/UL, PSE, RCM, WEEE, BSMI, 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 (Landscape only)	CMP-01+WMK-03	CMP-01+WMK-03
Wall Mount (Landscape only)	WMA-01, WMK-01, WMK-03, PMK-01	WMA-01, WMK-01, WMK-03, PMK-01
Desk Mount (Landscape only)	DMC-01, DMC-02D, DMS-01D, DMS-01Q	-

Specifications	QX-32	QX-43	QX-55
Panel			
Panel Type	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (VA Technology)	LED-Backlit TFT LCD (VA Technology)
Panel Size	32.0"	42.5"	54.6"
Max. Resolution	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160
Pixel Pitch	0.185 mm	0.245 mm	0.315 mm
Brightness	350 cd/m²	500 cd/m²	450 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°
Display Colour	1.07B	16.7M	1.07B
Response Time	5 ms	5 ms	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating	Anti-Glare Treatment (Haze 44%), 3H Hard Coating	Anti-Glare Treatment (Haze 2%), 3H Hard Coating
Frequency			
Frequency (H)	31 kHz-92 kHz	31 kHz-92 kHz	31 kHz-92 kHz
Frequency (V)	48 Hz-85 Hz	48 Hz-85 Hz	48 Hz-85 Hz
Signal 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	24-Pin DVI-D	24-Pin DVI-D
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 x 1	RJ45 x 1	RJ45 x 1
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	55W (On)	64W (On)	126W (On)
Stand-by Mode	< 0.5W	< 0.5W	< 0.5W
Off Mode	< 0.5W	< 0.5W	< 0.5W
Glass			
Thickness	3.0 mm (0.12")	4.0 mm (0.16")	4.0 mm (0.16")
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 (200 x 200 mm & 400 x 200 mm)	Yes (400 x 400 mm & 400 x 200 mm)	Yes (400 x 400 mm & 400 x 200 mm)
Dimensions			
Product w/o Base (W x H x D)	771.0 x 461.0 x 77.0 mm (30.4" x 18.1" x 2.8")	1002.5 x 589.6 x 87.0 mm (39.5" x 23.2" x 3.4")	1271.0 x 742.0 x 87.0 mm (50.0" x 29.2" x 3.4")
Packaging (W x H x D)	860.0 x 555.0 x 150.0 mm (33.9" x 21.9" x 5.9")	1135.0 x 688.0 x 185.0 mm (44.7" x 27.1" x 7.3")	1430.0 x 830.0 x 185.0 mm (56.3" x 32.7" x 7.3")
Weight			
Product w/o Base	15.7 kg (34.6 lb)	27.1 kg (59.7 lb)	39.1 kg (86.2 lb)
Packaging	19.0 kg (41.9 lb)	31.9 kg (70.3 lb)	47.2 kg (104.1 lb)
Regulation Approval			
Certifications & Compliance	CE, LVD, RoHS, WEEE, REACH, EAC	CE, LVD, RoHS, WEEE, REACH, EAC	CE, LVD, 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			
Floor Mount	-	FMS-01, FMS-02, FMC-02	-
Floor Mount (Landscape only)	FMS-01, FMS-02, FMC-02	-	FMC-03+LMK-04, FMC-04+LMK-04
Ceiling Mount (Landscape only)	CMP-01+LMK-02, CMP-01+WMK-03	CMP-01+LMK-01, CMP-01+LMK-02	CMP-01+LMK-01
Video Wall Mount	-	VWM-01, VWM-02	VWM-01, VWM-02
Wall Mount	-	LMA-01	LMK-02, LMA-02
Wall Mount (Landscape only)	WMA-01, LMA-01, LMK-02, WMK-03, LMA-02	LMK-01, LMK-02, LMK-03, LMA-02	LMK-01, LMK-03
Desk Mount (Landscape only)	-	DTS-01	DTS-01
Stand	STD-02A	STD-03A	STD-03A

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