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

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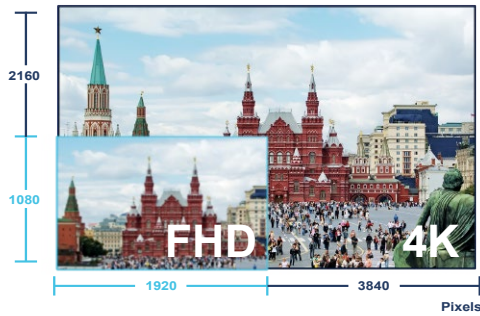
**4K** ULTRA HD

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, medical applications and other public installations.

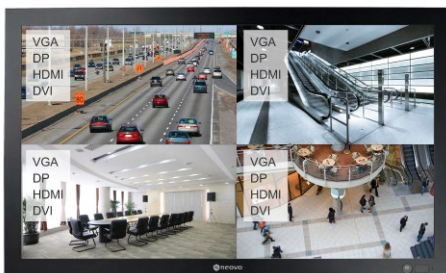*\* Stands are included with 24" and 28" models only.*

## 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.
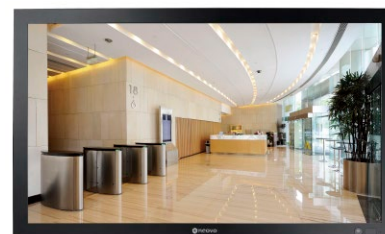




Multi-screen viewier allows all 4 signal sources being displayed in 4 screens simultaneously.

## 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 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) | 29W (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, FCC, WEEE, RoHS, REACH, EAC, IEC/EN 60601-1 standard support | CE, LVD, WEEE, RoHS, REACH, EAC, IEC/EN 60601-1 standard support |
| **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 IEC / EN 60601-1 standard support | 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 | DTS-01 |
| Stand | STD-02A | STD-03A | STD-03A |

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