

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

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

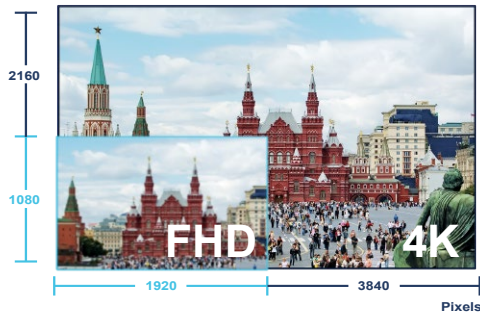


- 4K ULTRA HD
- Anti-Burn-in
- METAL CASING
- PIP PBP
- Black Level Alignment
- 24/7

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.

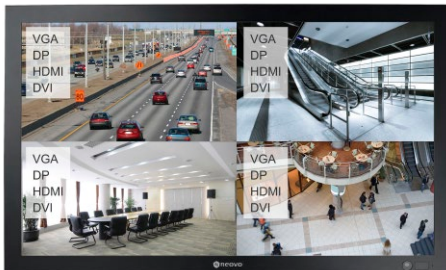


### Experience the 4K Difference

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.



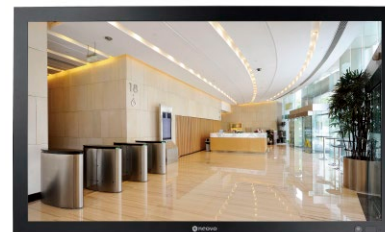
Multi-screen viewer allows all 4 signal sources being displayed in 4 screens simultaneously.

### 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 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
- 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

## 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/m <sup>2</sup>                            | 300 cd/m <sup>2</sup>                            |
| 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 FPMPI | 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  |
|--------------------------------|--|--|--|
| <b>Panel</b>                   |  |  |  |
| 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/m <sup>2</sup>  | 500 cd/m <sup>2</sup>  | 450 cd/m <sup>2</sup>  |
| 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                      |
| <b>Frequency</b>               |  |  |  |
| 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  |
| <b>Signal Input</b>            |  |  |  |
| 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   |
| <b>External Control</b>        |  |  |  |
| RS232 In                       | 9-Pin D-Sub  | 9-Pin D-Sub  | 9-Pin D-Sub  |
| LAN                            | RJ45 x 1   | RJ45 x 1   | RJ45 x 1   |
| <b>Other Connectivity</b>      |  |  |  |
| USB                            | 2.0 x 1 (Service Port)   | 2.0 x 1 (Service Port)   | 2.0 x 1 (Service Port)   |
| <b>Audio</b>                   |  |  |  |
| 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  |
| <b>Power</b>                   |  |  |  |
| 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   |
| <b>Glass</b>                   |  |  |  |
| 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   |
| <b>Operating Conditions</b>    |  |  |  |
| 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)   |
| <b>Storage Conditions</b>      |  |  |  |
| 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)  |
| <b>Mounting</b>                |  |  |  |
| VESA FPM/PMI                   | 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)                                    |
| <b>Dimensions</b>              |  |  |  |
| 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")                     |
| <b>Weight</b>                  |  |  |  |
| 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)   |
| <b>Regulation Approval</b>     |  |  |  |
| Certifications & Compliance    | CE, LVD, RoHS, WEEE, REACH, EAC                                      | CE, LVD, RoHS, WEEE, REACH, EAC                                      | CE, LVD, RoHS, WEEE, REACH, EAC                                      |
| <b>Accessories</b>             |  |  |  |
| 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 |
| <b>Optional Accessories</b>    |  |  |  |
| 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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