

X-Series

LED-backlit Display 24" | 22" | 19" | 17" | 15"

Versatility Beyond Limitations



The X-Series durable displays are designed for reliable 24/7 operation in the demanding environments. With the selectable gamma curves and versatile connectivity, the enhanced X-Series provides an optimal visual experience with excellent colour, brightness, and contrast ratio. NeoV™ Optical Glass and metal casing shield it from scratches and other damages which make it ideal for public, retail, laboratory, and industrial applications.



X-24E / X-22E



X-19E / X-17E / X-15E





Others



AG Neovo X-Series

Enhanced Gamma Selection

Selectable gamma curves visually optimise different kinds of images. The AG Neovo specialised image settings enhance colour, brightness, sharpness and contrast ratio, allowing the X-Series to improve the light, shadows and colour balance of videos.

Versatility, Productivity and Compatibility

Visualize critical data and engage with multiple video sources and PC applications with versatile connectivity options, including DisplayPort and HDMI, and PiP/PbP to increase productivity and efficiency. Selectable aspect ratio and zoom functions provide compatibility with different video sources.



High 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.

Features

- LED-backlit technology with 1920 x 1080 / 1280 x 1024 / 1024 x 768 resolutions
- VA panel technology ensures accurate colours and offers high contrast ratios with wide viewing angles (15° only)
- Anti-Burn-in™ technology prevents image ghosting
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- Durable metal housing
- Crisp 20,000,000 dynamic contrast ratio
- PiP/PbP functions enable multi-source viewing simultaneously
- Image enhancer: Deinterlace / Noise Reduction
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA
- Front-sided IP22 Compliant (IEC 60529 Standard) (24", 22", 19" and 17" only)
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- Flicker-free display technology reduces eye discomfort
- Built-in speakers
- Selectable gamma curves optimise different kinds of images
- Lockable control keys to prevent tampering in public environments
- Designed and developed for continuous 24/7 operation
- Premium-grade panel for high reliability and long product lifetime
- Available also in white



Specifications

X-24E

X-22E

| | | | |
|---------------------------------|-----------------------------|---|---|
| Panel | Panel Type | LED-Backlit TFT LCD (TN Technology) | LED-Backlit TFT LCD (TN Technology) |
| | Panel Size | 23.5" | 21.5" |
| | Max. Resolution | FHD 1920 x 1080 | FHD 1920 x 1080 |
| | Pixel Pitch | 0.272 mm | 0.248 mm |
| | Brightness | 300 cd/m ² | 250 cd/m ² |
| | Contrast Ratio | 20,000,000:1 (DCR) | 20,000,000:1 (DCR) |
| | Viewing Angle (H/V) | 170°/160° | 170°/160° |
| | Display Colour | 16.7M | 16.7M |
| | Response Time | 3 ms | 3 ms |
| Frequency (H/V) | H Freq. | 24 kHz-83 kHz | 24 kHz-83 kHz |
| | V Freq. | 50 Hz-75 Hz | 50 Hz-75 Hz |
| Input | DisplayPort | x 1 | x 1 |
| | HDMI | 1.4 x 1 | 1.4 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 |
| Audio | Audio In | Stereo Audio Jack (3.5 mm) | Stereo Audio Jack (3.5 mm) |
| | Internal Speaker | 2W x 2 | 2W x 2 |
| Power | Power Supply | External | External |
| | Power Requirements | DC 12V, 3.33A | DC 12V, 3.33A |
| | On Mode | 19W (On) | 18W (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 FPMPI | Yes (100 x 100 mm & 75 x 75 mm) | Yes (100 x 100 mm & 75 x 75 mm) |
| Stand | Tilt | 0° to 15° | 0° to 15° |
| Security | Kensington Security Slot | Yes | Yes |
| Dimensions | w/Base (W x H x D) | 562.4 x 396.8 x 155.0 mm (22.1" x 15.6" x 6.1") | 513.2 x 368.5 x 155.0 mm (20.2" x 14.5" x 6.1") |
| | Packaging (W x H x D) | 672.0 x 517.0 x 204.0 mm (26.5" x 20.4" x 8.0") | 614.0 x 477.0 x 204.0 mm (24.2" x 18.8" x 8.0") |
| Weight | w/Base | 7.8 kg (17.2 lb) | 6.7 kg (14.7 lb) |
| | Packaging Weight | 10.0 kg (22.0 lb) | 8.7 kg (19.1 lb) |
| Regulation Approval | Certifications & Compliance | CE, CB, RoHS, WEEE, REACH, EAC | CB, CE, RoHS, WEEE, REACH, EAC |
| Accessories | Supplied | Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card | Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card |
| Optional Accessories | | Wall Mount: PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mount (Landscape only): WMA-01, WMK-01, WMK-03 | Wall Mount: PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mount (Landscape only): WMA-01, WMK-01, WMK-03 |



X-19E



X-17E



X-15E

Specifications

| Panel | | LED-Backlit TFT LCD (TN Technology) | LED-Backlit TFT LCD (TN Technology) | LED-Backlit TFT LCD (VA Technology) |
|----------------------|--|---|---|---|
| Panel Type | | LED-Backlit TFT LCD (TN Technology) | LED-Backlit TFT LCD (TN Technology) | LED-Backlit TFT LCD (VA Technology) |
| Panel Size | | 19.0" | 17.0" | 15.0" |
| Max. Resolution | | SXGA 1280 x 1024 | SXGA 1280 x 1024 | XGA 1024 x 768 |
| Pixel Pitch | | 0.294 mm | 0.264 mm | 0.297 mm |
| Brightness | | 250 cd/m ² | 250 cd/m ² | 300 cd/m ² |
| Contrast Ratio | | 20,000,000:1 (DCR) | 20,000,000:1 (DCR) | 20,000,000:1 (DCR) |
| Viewing Angle (H/V) | | 170°/160° | 170°/160° | 176°/176° |
| Display Colour | | 16.7M | 16.7M | 16.2M |
| Response Time | | 3 ms | 3 ms | 5 ms |
| Frequency (H/V) | | H Freq. 24 kHz-83 kHz V Freq. 50 Hz-75 Hz | H Freq. 24 kHz-83 kHz V Freq. 50 Hz-75 Hz | H Freq. 24 kHz-83 kHz V Freq. 50 Hz-75 Hz |
| Input | | DisplayPort x 1 HDMI 1.4 x 1 DVI 24-Pin DVI-D x 1 VGA 15-Pin D-Sub x 1 | DisplayPort x 1 HDMI 1.4 x 1 DVI 24-Pin DVI-D x 1 VGA 15-Pin D-Sub x 1 | DisplayPort x 1 HDMI 1.4 x 1 DVI 24-Pin DVI-D x 1 VGA 15-Pin D-Sub x 1 |
| Audio | | Audio In Stereo Audio Jack (3.5 mm) Internal Speakers 2W x 2 | Audio In Stereo audio jack for PC (3.5 mm) Internal Speakers 2W x 2 | Audio In Stereo audio jack for PC (3.5 mm) Internal Speakers 2W x 2 |
| Power | | Power Supply External Power Requirement DC 12V, 1.72A On Mode 15W (On) Stand-by Mode < 0.5W Off Mode < 0.5W | Power Supply External Power Requirement DC 12V, 1.58A On Mode 14W (On) Stand-by Mode < 0.5W Off Mode < 0.5W | Power Supply External Power Requirement DC 12V, 1.49A On Mode 12W (On) Stand-by Mode < 0.5W Off Mode < 0.5W |
| NeoV™ Optical Glass | | Thickness 3.0 mm (0.12") Reflection Rate < 1% Transmission Rate > 97% Hardness > 9H | Thickness 3.0 mm (0.12") Reflection Rate < 1% Transmission Rate > 97% Hardness > 9H | Thickness 3.0 mm (0.12") Reflection Rate < 1% Transmission Rate > 97% Hardness > 9H |
| Operating Conditions | | Temperature 0°C-40°C (32°F-104°F) Humidity 10%-90% (non-condensing) | Temperature 0°C-40°C (32°F-104°F) Humidity 10%-90% (non-condensing) | Temperature 0°C-40°C (32°F-104°F) Humidity 10%-90% (non-condensing) |
| Storage Conditions | | Temperature -20°C-60°C (-4°F-140°F) Humidity 5%-95% (non-condensing) | Temperature -20°C-60°C (-4°F-140°F) Humidity 5%-95% (non-condensing) | Temperature -20°C-60°C (-4°F-140°F) Humidity 5%-95% (non-condensing) |
| Mounting | | VESA FPM/PMI Yes (100 x 100 mm & 75 x 75 mm) | VESA FPM/PMI Yes (100 x 100 mm & 75 x 75 mm) | VESA FPM/PMI Yes (100 x 100 mm & 75 x 75 mm) |
| Stand | | Tilt 0° to 22° | Tilt 0° to 22° | Tilt 0° to 20° |
| Security | | Kensington Security Slot Yes | Kensington Security Slot Yes | Kensington Security Slot Yes |
| Dimensions | | w/Base (W x H x D) 445.4 x 420.2 x 175.0 mm (17.5" x 16.5" x 6.9") Packaging (W x H x D) 552.0 x 526.0 x 225.0 mm (21.7" x 20.7" x 8.9") | w/Base (W x H x D) 409.4 x 398.2 x 175.0 mm (16.1" x 15.7" x 6.9") Packaging (W x H x D) 506.0 x 506.0 x 225.0 mm (19.9" x 19.9" x 8.9") | w/Base (W x H x D) 380.0 x 359.0 x 155.0 mm (15.0" x 14.1" x 6.1") Packaging (W x H x D) 470.0 x 460.0 x 199.0 mm (18.5" x 18.1" x 7.8") |
| Weight | | w/Base 6.8 kg (15.0 lb) Packaging Weight 8.5 kg (18.5 lb) | w/Base 6.0 kg (13.2 lb) Packaging Weight 7.5 kg (16.1 lb) | w/Base 4.6 kg (10.1 lb) Packaging Weight 5.8 kg (12.8 lb) |
| Regulation Approval | | Certification & Compliance FCC, CE, LVD, RoHS, WEEE, REACH, EAC | Certification & Compliance CE, LVD, RoHS, WEEE, REACH, EAC | Certification & Compliance CE, LVD, RoHS, WEEE, REACH, EAC |
| Accessories | | Supplied Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card | Supplied Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card | Supplied Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card |
| Optional Accessories | | Wall Mount: PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mounts: WMA-01, WMK-01, WMK-03 | Wall Mount: PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mounts: WMA-01, WMK-01, WMK-03 | Wall Mount: PMK-01 Desk Mounts: DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 Ceiling Mount (Landscape only): CMP-01 + WMK-03 Wall Mounts: WMA-01, WMK-01, WMK-03 |