

X-Series

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

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-22E / X-24E



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





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 (24", 22" & 15" only)
- Anti-Burn-in™ technology prevents image ghosting
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- Crisp 20,000,000:1 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) (17", 19", 22" and 24" 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-15E | X-17E | X-19E |
|--------------------------------|---|---|---|
| Panel | | | |
| Panel Type | LED-Backlit TFT LCD (VA Technology) | LED-Backlit TFT LCD (TN Technology) | LED-Backlit TFT LCD (TN Technology) |
| Panel Size | 15.0" | 17.0" | 19.0" |
| Max. Resolution | XGA 1024 x 768 | SXGA 1280 x 1024 | SXGA 1280 x 1024 |
| Pixel Pitch | 0.297 mm | 0.264 mm | 0.294 mm |
| Brightness | 300 cd/m ² | 250 cd/m ² | 250 cd/m ² |
| Contrast Ratio | 20,000,000:1 (DCR) | 20,000,000:1 (DCR) | 20,000,000:1 (DCR) |
| Viewing Angle (H/V) | 176°/176° | 170°/160° | 170°/160° |
| Display Colour | 16.2M | 16.7M | 16.7M |
| Response Time | 5 ms | 3 ms | 3 ms |
| Frequency | | | |
| Frequency (H) | 24 kHz-83 kHz | 24 kHz-83 kHz | 24 kHz-83 kHz |
| Frequency (V) | 50 Hz-75 Hz | 50 Hz-75 Hz | 50 Hz-75 Hz |
| Signal Input | | | |
| DisplayPort | x 1 | x 1 | x 1 |
| HDMI | 1.4 x 1 | 1.4 x 1 | 1.4 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 |
| Audio | | | |
| Audio In | Stereo Audio Jack (3.5 mm) | Stereo Audio Jack (3.5 mm) | Stereo Audio Jack (3.5 mm) |
| Internal Speakers | 2W x 2 | 2W x 2 | 2W x 2 |
| Power | | | |
| Power Requirements | DC 12V, 1.49A | DC 12V, 1.58A | DC 12V, 1.72A |
| On Mode | 10W (On) | 13W (On) | 14W (On) |
| Standby Mode | < 0.5W | < 0.5W | < 0.5W |
| Off Mode | < 0.3W | < 0.3W | < 0.3W |
| Power Supply | External | External | External |
| Glass | | | |
| Thickness | 3.0 mm (0.12") | 3.0 mm (0.12") | 3.0 mm (0.12") |
| 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 FPM/PMI | Yes (100 x 100 mm & 75 x 75 mm) | Yes (100 x 100 mm & 75 x 75 mm) | Yes (100 x 100 mm & 75 x 75 mm) |
| Stand | | | |
| Tilt | 0° to 20° | 0° to 22° | 0° to 22° |
| Security | | | |
| Kensington Security Slot | Yes | Yes | Yes |
| Dimensions | | | |
| Product with Base (W x H x D) | 380.0 x 359.0 x 155.0 mm (15.0" x 14.1" x 6.1") | 409.4 x 398.2 x 175.0 mm (16.1" x 15.7" x 6.9") | 445.4 x 420.2 x 175.0 mm (17.5" x 16.5" x 6.9") |
| Product w/o Base (W x H x D) | 380.0 x 315.0 x 53.5 mm (15.0" x 12.4" x 2.1") | 409.4 x 361.9 x 64.5 mm (16.1" x 14.2" x 2.5") | 445.4 x 383.9 x 64.5 mm (17.5" x 15.1" x 2.5") |
| Packaging (W x H x D) | 470.0 x 460.0 x 199.0 mm (18.5" x 18.1" x 7.8") | 506.0 x 506.0 x 225.0 mm (19.9" x 19.9" x 8.9") | 552.0 x 526.0 x 225.0 mm (21.7" x 20.7" x 8.9") |
| Weight | | | |
| Product w/o Base | 4.2 kg (9.3 lb) | 5.2 kg (11.5 lb) | 6.0 kg (13.2 lb) |
| Product with Base | 4.6 kg (10.1 lb) | 6.0 kg (13.2 lb) | 6.8 kg (15.0 lb) |
| Packaging | 5.9 kg (12.9 lb) | 7.5 kg (16.5 lb) | 9.3 kg (20.5 lb) |
| Regulation Approval | | | |
| Certifications & Compliance | CE, LVD, RoHS, WEEE, REACH, EAC | CE, LVD, RoHS, WEEE, REACH, EAC | LVD, CE, RoHS, WEEE, REACH, EAC, FCC, UKCA |
| Power Adaptor Certifications | Delta /ADP-40DD-B: CE, cUL/UL, PSE, RCM, WEEE, KCC, BSMI, EAC | Delta /ADP-40DD-B: CE, cUL/UL, PSE, RCM, WEEE, KCC, BSMI, EAC | Delta /ADP-40DD-B: CE, cUL/UL, PSE, RCM, WEEE, KCC, BSMI, 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 | Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide, Warranty Card |
| Optional Accessories | | | |
| Ceiling Mount (Landscape only) | CMP-01+WMK-03 | 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 | WMA-01, WMK-01 |
| Desk mount (Landscape only) | DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 | DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 | DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 |

Specifications

X-22E

X-24E

Panel

| | | |
|---------------------|---|--|
| Panel Type | LED-Backlit TFT LCD (VA Technology) | LED-Backlit TFT LCD (VA Technology) |
| Panel Size | 21.5" | 23.8" |
| Max. Resolution | FHD 1920 x 1080 | FHD 1920 x 1080 |
| Pixel Pitch | 0.248 mm | 0.274 mm |
| Brightness | 250 cd/m ² | 250 cd/m ² |
| Contrast Ratio | 20,000,000:1 (DCR) | 20,000,000:1 (DCR) |
| Viewing Angle (H/V) | 178°/178° | 178°/178° |
| Display Colour | 16.7M | 16.7M |
| Response Time | 5 ms | 5 ms |
| Surface Treatment | High resolution adaptable Anti-Glare Treatment (Haze25%), 3H Hard Coating | Seriesant1-Glare Treatment (Haze 40%), 3H Hard Coating |

Frequency

| | | |
|---------------|---------------|---------------|
| Frequency (H) | 24 kHz-83 kHz | 24 kHz-83 kHz |
| Frequency (V) | 50 Hz-75 Hz | 50 Hz-75 Hz |

Signal Input

| | | |
|-------------|------------------|------------------|
| DisplayPort | x 1 | x 1 |
| HDMI | 1.4 x 1 | 1.4 x 1 |
| DVI | 24-Pin DVI-D | 24-Pin DVI-D |
| 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 Speakers | 2W x 2 | 2W x 2 |

Power

| | | |
|--------------------|---------------|---------------|
| Power Requirements | DC 12V, 3.33A | DC 12V, 3.33A |
| On Mode | 16W (On) | 18W (On) |
| Standby Mode | < 0.3W | < 0.5W |
| Off Mode | < 0.2W | < 0.3W |
| Power Supply | External | External |

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 FPM/PMI | Yes (100 x 100 mm & 75 x 75 mm) | Yes (100 x 100 mm & 75 x 75 mm) |
|--------------|---------------------------------|---------------------------------|

Stand

| | | |
|------|-----------|-----------|
| Tilt | 0° to 15° | 3° to 21° |
|------|-----------|-----------|

Security

| | | |
|--------------------------|-----|-----|
| Kensington Security Slot | Yes | Yes |
|--------------------------|-----|-----|

Dimensions

| | | |
|-------------------------------|---|---|
| Product with Base (W x H x D) | 513.2 x 368.5 x 155.0 mm (20.2" x 14.5" x 6.1") | 562.4 x 392.8 x 196.0 mm (22.1" x 15.4" x 7.7") |
| Product w/o Base (W x H x D) | 513.2 x 324.3 x 56.2 mm (20.2" x 12.8" x 2.2") | 562.4 x 352.6 x 56.2 mm (22.1" x 13.9" x 2.2") |
| Packaging (W x H x D) | 614.0 x 477.0 x 204.0 mm (24.2" x 18.8" x 8.0") | 672.0 x 517.0 x 249.0 mm (26.5" x 20.4" x 9.8") |

Weight

| | | |
|-------------------|------------------|-------------------|
| Product w/o Base | 6.2 kg (13.7 lb) | 7.0 kg (15.4 lb) |
| Product with Base | 6.7 kg (14.7 lb) | 7.8 kg (17.2 lb) |
| Packaging | 8.8 kg (19.4 lb) | 10.9 kg (24.0 lb) |

Regulation Approval

| | | |
|------------------------------|---|---|
| Certifications & Compliance | CB, CE, RoHS, WEEE, REACH, EAC | CE, LVD, WEEE, RoHS, REACH, EAC |
| Power Adaptor Certifications | Delta /ADP-40DD-B: CE, cUL/UL, PSE, RCM, WEEE, KCC, BSMI, EAC | Delta /ADP-40DD-B: CE, cUL/UL, PSE, RCM, WEEE, KCC, BSMI, 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, CD |
|----------|---|---|

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, ES-02 | DMC-01, DMC-02D, DMS-01D, DMS-01Q, ES-02 |

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