THE DISPLAY CHOICE
OF PROFESSIONALS™

X-Series LED-backlit Display 24” | 22” | 19” | 17” | 15”

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

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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 continous 24/7 operation
- Premium-grade panel for high reliability and long product lifetime
- Available also in white

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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/m²	250 cd/m²
	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 FPMPMI	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

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Specifications		X-19E	X-17E	X-15E
Panel	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/m²	250 cd/m²	300 cd/m²
	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	24 kHz-83 kHz	24 kHz-83 kHz
	V Freq.	50 Hz-75 Hz	50 Hz-75 Hz	50 Hz-75 Hz
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 x 1	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	15-Pin D-Sub x 1
Audio	Audio In	Stereo Audio Jack (3.5 mm)	Stereo audio jack for PC (3.5 mm)	Stereo audio jack for PC (3.5 mm)
	Internal Speakers	2W x 2	2W x 2	2W x 2
Power	Power Supply	External	External	External
	Power Requirement	DC 12V, 1.72A	DC 12V, 1.58A	DC 12V, 1.49A
	On Mode	15W (On)	14W (On)	12W (On)
	Stand-by Mode	< 0.5W	< 0.5W	< 0.5W
	Off Mode	< 0.5W	< 0.5W	< 0.5W
NeoV™ Optical 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 FPMPMI	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 22°	0° to 22°	0° to 20°
Security	Kensington Security Slot	Yes	Yes	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”)	409.4 x 398.2 x 175.0 mm (16.1” x 15.7” x 6.9”)	380.0 x 359.0 x 155.0 mm (15.0” x 14.1” x 6.1”)
	Packaging (W x H x D)	552.0 x 526.0 x 225.0 mm (21.7” x 20.7” x 8.9”)	506.0 x 506.0 x 225.0 mm (19.9” x 19.9” x 8.9”)	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)	6.0 kg (13.2 lb)	4.6 kg (10.1 lb)
	Packaging Weight	8.5 kg (18.5 lb)	7.5 kg (16.1 lb)	5.8 kg (12.8 lb)
Regulation Approval	Certification & Compliance	FCC, CE, LVD, RoHS, WEEE, REACH, EAC	CE, LVD, RoHS, WEEE, REACH, EAC	CE, LVD, 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	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

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