

HX-2402 24" SDI ULTRA-LOW LATENCY MONITORS

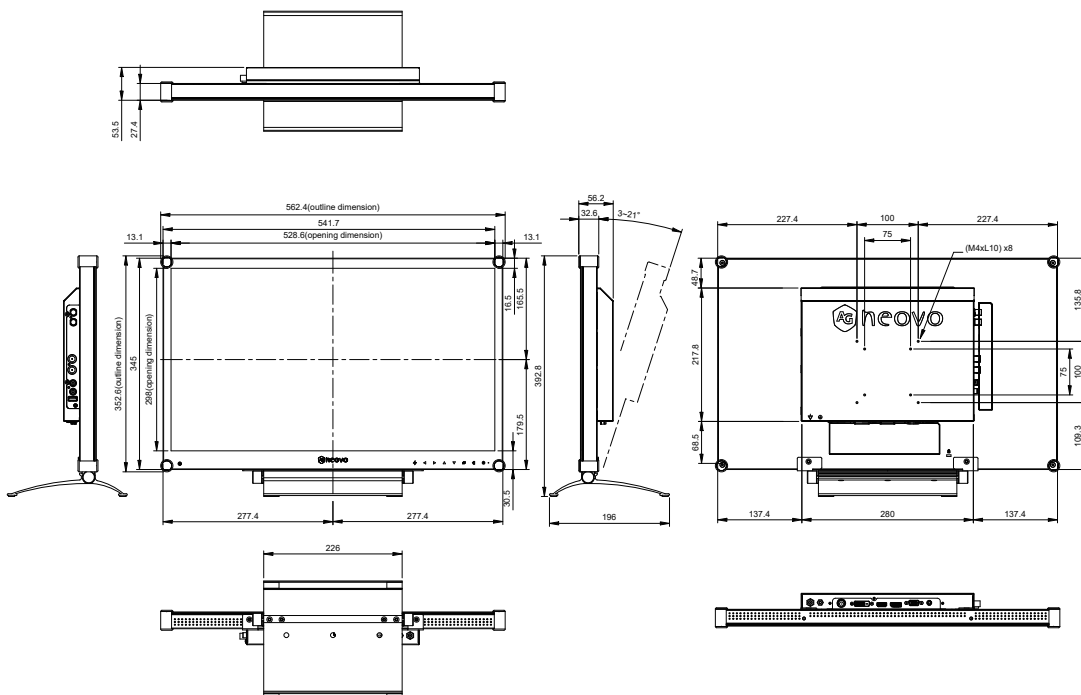
FEATURES



- **Exceptional Display Quality:** Full HD 1920 x 1080 resolution with Anti-Burn-in™ technology to prevent image ghosting and NeoV™ Optical Glass for enhanced visibility, reduced glare, and improved contrast.
- **Rugged and Durable Housing Design:** Metal housing with IK10 impact protection, IP65 front-side compliance
- **Enhanced Viewing and Functionality:** PiP/PbP functions enable multiple-source viewing and Image Enhancer for better clarity and stability.
- **Versatile Connectivity:** Supports SDI, DisplayPort, HDMI, DVI, VGA, and composite inputs, with loop-through outputs and embedded SDI audio.
- **Extensive Display Control:** RS232 and Neovo Controller software.
- **Flexible Installation and Control:** wide temperature design, lockable OSD settings to prevent tampering, night mode for optimal viewing in low-light conditions, and VESA mount compatibility.
- **Reliable Performance:** Complies with EN61000-6-1, EN61000-6-3, and EN 50130-4 standards for immunity to interference, low emissions, and reliable operation in security environments.

The HX-2402 excels in delivering real-time, uncompressed HD video with SDI interfaces for direct 3G/SD/HD-SDI device connectivity. It's crafted for critical tasks where every millisecond counts, ensuring uninterrupted, low-latency transmission even over extended distances. Its durable build, featuring NeoV™ Optical Glass and IK10-rated metal casing, provides robust protection, while an IP65 rating ensures resilience against environmental elements, making the HX-2402 a trusted ally for studios, security, and public displays.

TECHNICAL DRAWING



SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (VA Technology)
Panel Size	23.8"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.275 mm
Brightness	300 cd/m ²
Contrast Ratio	20,000,000:1 (DCR)
Viewing Angle (H/V)	178°/178°
Display Colour	16.7M
Response Time	5 ms

Frequency

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

Signal Input

SDI	BNC x 1
DisplayPort	x 1
HDMI	1.4 x 1
DVI	24-Pin DVI-D
VGA	15-Pin D-Sub x 1
Composite (CVBS)	BNC x 1

Signal Output

SDI	BNC x 1
Composite (CVBS)	BNC x 1

External Control

RS232 In	2.5 mm Phone Jack
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Other Connectivity

USB	2.0 x 1 (Service Port)
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Audio

Audio In	Stereo Audio Jack (3.5 mm), Stereo Audio Jack (RCA)
Internal Speakers	2W x 2

SDI

3G-SDI (SMPTE 424M)	1080p @50/60fps
HD-SDI (SMPTE 292M)	720p @25/30/50/60fps, 1080p @24/25/30/50/60fps, 1080i @50/60fps
SD-SDI (SMPTE 259M)	480i @60fps, 576i @60fps

Power

Power Supply	External
Power Requirements	DC 12V, 2.8A
On Mode	18W (On)
Standby Mode	< 0.5W
Off Mode	< 0.3W

Glass

Surface Treatment	AR
Thickness	3.0 mm (0.12")
Reflection Rate	< 1%
Transmission Rate	> 97%
MOHS Hardness	6
Pencil Hardness	9H
IK rating	IK07

Durability and Protection

IP rating	Front-Sided IP65
IK rating	IK10 (Metal casing)

Operating Conditions

Temperature	-5°C-45°C (23°F-113°F)
Humidity	10%-90% (non-condensing)

Storage Conditions

Temperature	-20°C-60°C (-4°F-140°F)
Humidity	5%-95% (non-condensing)

Mounting

VESA FPMPI	Yes (100 x 100 mm & 75 x 75 mm)
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Stand

Tilt	3° to 21°
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Security

Kensington Security Slot	Yes
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Dimensions

Product with Base (W x H x D)	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)	562.4 x 352.6 x 56.2 mm (22.1" x 13.9" x 2.2")
Packaging (W x H x D)	672.0 x 517.0 x 249.0 mm (26.5" x 20.4" x 9.8")

Weight

Product w/o Base	7.0 kg (15.4 lb)
Product with Base	7.8 kg (17.2 lb)
Packaging	10.5 kg (23.1 lb)

Regulation Approval

Certifications & Compliance	CE, LVD, WEEE, RoHS, REACH, UKCA, FCC, EN 50130-4, EN IEC 61000-6-3, EN IEC 61000-6-1
Power Adaptor Certifications	CE, cUL/UL, RCM, WEEE, KCC, BSMI

Accessories

Supplied	Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide
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Optional Accessories

Handle	HDL-02
Ceiling Mount (Landscape only)	CMP-01+WMK-03
Wall Mount (Landscape only)	WMA-01, WMK-01, WMK-03, PMK-01
Desk mount (Landscape only)	DMC-01, DMC-02D, DMS-01D, ES-02



All specifications are subject to change without prior notice.

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