HX-24G LCD Monitor

Uncompressed Transmission for Real-Time Monitoring and Broadcasting

Anti-Burn-in™   NeoV™ OPTICAL GLASS   HD-SDI   24/7

Tailored to the applications of uncompressed and high-definition video transmission, the HX-24G features SDI input and output that allow to receive and transmit the megapixel image directly from 3G/SD/HD-SDI devices. The HX-24G fulfills the critical need of broadcasting and studio production in the light of ultra-low latency and signal interruption over long-distance transmission. Its NeoV™ Optical Glass and metal casing offer the state-of-art protection that empowers HX-24G to survive the rigours of production in studios and surveillance environment. Real-time and uncompressed, HX-24G is the perfect choice for broadcast, security and public environments.

Uninterrupted Transmission

The HX-24G has been designed for broadcasting as well as surveillance applications, which supports multiple SDI video signals up to 3G-SDI to ensures all video formats can be broadcast uninterruptedly. Its high-quality SDI input and loop through SDI output makes it easy to connect other gear without the need for a splitter.

Unbeatable Image Clarity

Built with cutting-edge super-resolution technology, the HX-24G can upscale images at a higher and more detailed resolution for better clarity. The AG Neovo specialized image settings enhance colour, brightness, sharpness and contrast ratio, allowing the HX-24G to improve the light, shadows and colour balance of videos.

Anti-Burn-in™

METAL CASING

24/7

Industry-leading Reliability

The HX-24G is specially designed to transcend the challenge of enduring 24/7 operations. AG Neovo's Anti-Burn-in™ technology also prevents image ghosting while performing nonstop mission-critical operations. Its metal casing and NeoV™ Optical Glass not only protect the HX-24G from damage but also keep maintenance easy.

Features

- Full HD 1920 x 1080 resolution
- Anti-Burn-in™ technology prevents image ghosting
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- PiP/PbP functions enable multi-source viewing simultaneously
- Image Enhancer: Deinterlace / Noise Reduction / Image Rotation / Freeze
- Super resolution technology upscales and sharpens SD images to HD-like quality content
- Supports multiple SDI formats: 3G/HD/SD-SDI
- Embedded audio in SDI up to 8 channels of 48kHz
- Versatile connectivity: SDI, DisplayPort, HDMI, DVI, VGA, S-Video, Composite
- Alink™ function for synchronized powering on/off via HDMI

- SDI and Composite loop-through output port
- RS232 control support - provides compatibility with control systems
- Front-sided IP22 Compliant (IEC 60529 Standard)
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- Gamma selection and black-level adjustment
- CCTV picture mode for maximum image detail and clarity in low light footage
- Night mode selection for dimming the backlight level in dark environment
- Lockable OSD settings to prevent tampering in public environments
- VESA mount compatibility for flexible installation

Specifications — HX-24G

Panel

Panel Type	LED-Backlit TFT LCD (VA Technology)
Panel Size	23.8"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.274 mm
Brightness	250 cd/m²
Contrast Ratio	20,000,000:1 (DCR)
Viewing Angle (H/V)	178°/178°
Display Colour	16.7M
Response Time	5 ms
Surface Treatment	Seriesant1-Glare Treatment (Haze 40%), 3H Hard Coating

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	BNC x 1

Signal Output

SDI	BNC x 1
Composite	BNC x 1

External Control

RS232 In	2.5 mm Phone Jack

Other Connectivity

USB	2.0 x 1 (Service Port)

Audio

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

Power

Power Requirements	DC 12V, 2.75A
On Mode	21W (On)
Standby Mode	< 0.5W
Off Mode	< 0.3W
Power Supply	External

Glass

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)

Storage Conditions

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

Mounting

VESA FPMPMI	Yes (100 x 100 mm & 75 x 75 mm)

Stand

Tilt	3° to 21°

Security

Kensington Security Slot	Yes

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	7.3 kg (16.1lb)
Product with Base	8.1 kg (17.9lb)
Packaging	11.2 kg (24.7lb)

Regulation Approval

Certifications & Compliance	CE, LVD, WEEE, RoHS, REACH, EAC, BSMI, FCC
Power Adaptor Certifications	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

Optional Accessories

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, DMS-01Q, ES-02

REACH RoHS COMPLIANT WEEE

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