

HX-24G LCD Monitor

Uncompressed Transmission for Real-Time Monitoring and Broadcasting



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 ensure all video formats can be broadcast uninterrupted. 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.



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 (TN Technology)
	Panel Size	23.6"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.272 mm
	Brightness	300 cd/m ²
	Contrast Ratio	20,000,000:1 (DCR)
	Viewing Angle (H/V)	170°/160°
	Display Colour	16.7M
	Response Time	3 ms
	Surface Treatment	Anti-Glare Treatment (Haze 25%), 2H Hard Coating
Frequency (H/V)	H Freq.	24 kHz-83 kHz
	V Freq.	50 Hz-75 Hz
Input	SDI	BNC x 1
	DisplayPort	x 1
	HDMI	1.4 x 1
	DVI	24-Pin DVI-D x 1
	VGA	15-Pin D-Sub x 1
	Composite (CVBS)	BNC x 1
Output	SDI	BNC x 1
	Composite (CVBS)	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
SDI	3G-SDI (SMPTE 424M)	1080p @50/60fps
	HD-SDI (SMPTE 292M)	720p @25/30/50/60fps, 1080p @24/25/30/50/60fps
	SD-SDI (SMPTE 259M)	1080i @50/60fps 480i @60fps, 576i @50fps
Power	Power Supply	External
	Power Requirements	DC 12V, 2.75A
	On Mode	25W (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
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 FPMPI	Yes (100 x 100 mm & 75 x 75 mm)
Stand	Tilt	0° to 18°
Security	Kensington Security Slot	Yes
Dimensions	w/Base (W x H x D)	562.4 x 392.8 x 196.0 mm (22.1" x 15.4" x 7.7")
	Packaging (W x H x D)	672.0 x 517.0 x 249.0 mm (26.5" x 20.4" x 9.8")
Weight	w/Base	8.1 kg (17.9 lb)
	Packaging	11.2 kg (24.7 lb)
Regulation Approval	Certifications & Compliance	CB, CE, RoHS, WEEE, REACH
Accessories	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 (Landscape only): WMA-01, WMK-01, WMK-03

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