

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 (VA Technology)
Panel Size	23.8"
Max. Resolution	FHD 1920 x 1080
Pixel Pitch	0.274 mm
Brightness	250 cd/m ²
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 (CVBS)	BNC x 1

Signal 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

Power

Power Requirements	DC 12V, 2.75A
On Mode	18W (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%
MOHS Hardness	6
Pencil Hardness	9H
IK Rating	IK07

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 FPM/PMI	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, BSMI, FCC
Power Adaptor Certifications	Delta /ADP-40DD-B: CE, cUL/UL, RCM, WEEE, KCC, BSMI

Accessories

Supplied	Power Adaptor, Power Cord, VGA Cable, Audio Cable, Quick Start Guide
----------	--

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.

Copyright © 2026 AG Neovo. All rights reserved. The name AG Neovo is a trademark of AIC.

All other trademarks are the property of their respective owners.

P/C: HX4GB0 Version 5.0, 20260319



Global Headquarters

Taipei, Taiwan

EMEA Regional Headquarters

Capelle a/d IJssel, The Netherlands

North & South America Regional Headquarters

San Jose, CA, U.S.A.

Asia-Pacific Regional Headquarters

Taipei, Taiwan

Canada Sales Office

Vancouver, B.C., Canada

China Sales Office

Shanghai, China

Czech Republic Sales Office

Brno, Czech Republic

Denmark Sales Office

Støvring, Denmark

Germany Sales Office

Mechernich, Germany

Italy Sales Office

Livorno, Italy

Poland Sales Office

Warsaw, Poland

Spain Sales Office

Barcelona, Spain

Ukraine Sales Office

Lviv, Ukraine

www.agneovo.com