THE DISPLAY CHOICE
OF PROFESSIONALS™

HX-42E LED-backlit Display

Monitor Uncompressed High-definition Video with Ultra-Low Latency



NeoV OPTICAL GLASS | Anti-Burn-in™ | ON DUTY 24/7 | METAL CASING | SDI

The HX-42E offers native Full HD resolution with high contrast ratio, wide viewing angles and consistency of picture quality. Its SDI input receives mega-pixel images directly from 3G-SDI devices without signal interruption. The HX-42E is built to survive the rigors of production in studios and surveillance environments, the solid protection of a metal enclosure housing, the NeoV™ Optical Glass and Anti-Burn-in™ technology makes it a fitting choice for a full spectrum of professional applications that require 24/7 nonstop operation.



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Superb Image Quality Guaranteed

Selectable gamma curve visually optimizes different kinds of images. The AG Neovo specialized image settings enhance colour, brightness, sharpness and contrast ratio, allowing the HX-42E to improve the light, shadows and colour balance of videos.

Automatic SDI Switching

The HX-42E has been designed for broadcast as well as surveillance and includes support for multiple SDI video standards, including SD, HD and 3G-SDI formats. All video formats can be connected and changed at any time. The HX-42E will automatically detect the input signal and switch formats as needed.





Easy to Connect

The HX-42E offers a wide variety of inputs for compatibility with the majority of video and data sources. Its high-quality HD-SDI input and loop through HD-SDI output makes it easy to connect other gear without the need for a splitter.

Industry-leading Reliability

The HX-42E 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-42E from damage but also keep maintenance easy.





Features

- Full HD 1920 x 1080 resolution
- Supports multiple SDI formats: 3G/HD/SD-SDI
- Embedded audio in SDI up to 8 channels of 48kHz
- Anti-Burn-in™ technology prevents image ghosting
- NeoV™ Optical Glass and metal housing for excellent cleanability and protection
- IPS Panel technology ensures accurate colours and offers high contrast ratios with wide viewing angles
- Image enhancer: 3D Comb Filter / Deinterlace / Noise Reduction
- Versatile connectivity: 3G SDI, DisplayPort, HDMI, DVI, VGA, Component/Composite
- Built-in USB media player for simple signage content delivery
- An integrated scheduler allows content programming based on time and day
- SDI loop-through output port
- DisplayPort, HDMI, DVI, VGA, Composite, RS232, IR daisy chain support
- RJ45, RS232, IR device control support
- Native tiling support for easy video wall setup (up to 10 x 10)
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises
- Selectable gamma curves optimise different kinds of images
- Flexible display orientation: Landscape/Portrait
- Designed and developed for continuous 24/7 operation

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Specifications

HX-42E

Panel	Panel Type	LED-Backlit TFT LCD (IPS Technology)
	Panel Size	41.9”
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.483 mm
	Brightness	700 cd/m²
	Contrast Ratio	1300:1
	Viewing Angle (H/V)	178°/178°
	Display Colour	16.7M
	Response Time	5 ms
Frequency (H/V)	H Freq.	31 kHz-92 kHz
	V Freq.	48 Hz-85 Hz
Input	SDI	BNC x 1
	DisplayPort	1.2 x 1
	HDMI	1.4 x 2
	DVI	24-Pin DVI-D x 1
	VGA	15-Pin D-Sub x 1
	Component	BNC x 1
	Composite	BNC x 1 (Share with Component-Y)
Output	SDI	BNC x 1
	DisplayPort	1.2 x 1
	VGA/DVI/HDMI	29-Pin DVI-I x 1
	Composite	BNC x 1
External Control	IR in/out	3.5 mm Phone Jack
	RS232 in/out	2.5 mm Phone Jack
	LAN (RJ45)	Yes
Other Connectivity	USB	2.0 x 1 (Service Port / Media Playback)
Audio	Audio In	Stereo Audio Jack (3.5 mm) x 1 Stereo Audio Jack (RCA) x 1
	Audio Out	Stereo Audio Jack (3.5 mm) x 1
	Internal Speakers	10W 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 @50fps
Power	Power Supply	Internal
	Power Requirements	AC 100-240V, 50/60 Hz
	On Mode	94W (On)
	Stand-by Mode	< 0.5W
	Off Mode	< 0.5W
NeoV™ Optical Glass	Thickness	4.0 mm (0.16”)
	Reflection Rate	< 1%
	Transmission Rate	> 97%
	Hardness	> 9H
Operating Conditions	Temperature	0°C-40°C (32°F-104°F)
	Humidity	20%-80% (non-condensing)
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)
	Humidity	5%-90% (non-condensing)
Mounting	VESA FPMPMI	Yes (200 x 200 mm)
Security	Kensington Security Slot	Yes
Dimensions	w/o Base (W x H x D)	987.2 x 581.2 x 83.0 mm (38.9” x 22.9” x 3.3”)
	Packaging (W x H x D)	1161.0 x 759.0 x 203.0 mm (45.7” x 29.9” x 8.0”)
Weight	w/o Base	23.2 kg (51.1 lb)
	Packaging	27.2 kg (60.0 lb)
Regulation Approval	Certifications & Compliance	FCC, CE, WEEE, RoHS, REACH, LVD
Accessories	Supplied	Power Cord, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, Quick Start Guide
Optional Accessories		Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounst: VWM-01, VWM-02 Stand: STD-04 Ceiling Mount (Landscape only): CMP-01 + LMK-01 Wall Mounts (Landscape only): LMA-01, LMK-01, LMK-03, LMK-04 Floor Mounts (Landscape only): FMC-03 + LMK-04, FMC-04 + LMK-04

All specifications are subject to change without prior notice.
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