

HX-32E LED-backlit Display

Monitor Uncompressed
High-definition Video
with Ultra-Low Latency



The HX-32E 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-32E 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.



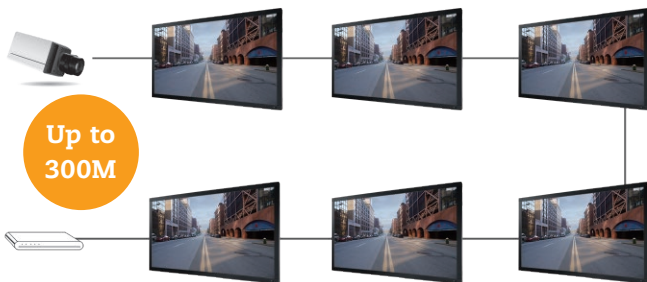


Superb Image Quality Guaranteed

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-32E to improve the light, shadows and colour balance of videos.

Automatic SDI Switching

The HX-32E 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-32E will automatically detect the input signal and switch formats as needed.



Easy to Connect

The HX-32E 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-32E 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-32E 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
- VA 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
- Selectable gamma curves optimise different kinds of images
- Flexible display orientation: Landscape/Portrait
- Designed and developed for continuous 24/7 operation



Specifications

HX-32E

Panel	Panel Type	LED-Backlit TFT LCD (VA Technology)
	Panel Size	31.5"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.364 mm
	Brightness	500 cd/m ²
	Contrast Ratio	3000:1
	Viewing Angle (H/V)	178°/178°
	Display Colour Response Time	16.7M 5 ms
Frequency (H/V)	H Freq. V Freq.	31 kHz-92 kHz 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 Composite	BNC x 1 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	65W (On)
	Stand-by Mode Off Mode	< 0.5W < 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 (400 x 200 mm)
Dimensions	w/o Base (W x H x D)	757.6 x 452.0 x 75.1 mm (29.8" x 17.8" x 3.0")
	Packaging (W x H x D)	892.0 x 600.0 x 185.0 mm (35.1" x 23.6" x 7.3")
Weight	w/o Base	15.2 kg (33.5 lb)
	Packaging	17.8 kg (39.2 lb)
Regulation Approval	Certifications & Compliance	FCC, CE, LVD, WEEE, RoHS, REACH
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 Stand: STD-09 Ceiling Mount (Landscape only): CMP-01 + LMK-02 Wall Mounts (Landscape only): LMA-01, LMK-02

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