HX-42

An industrial grade 42" LED display with NeoV™ Optical Glass, Anti-Burn-in™ technology, and advanced SDI inputs, tailored specifically for professional 24/7 operation in mission-critical surveillance and broadcast environments.
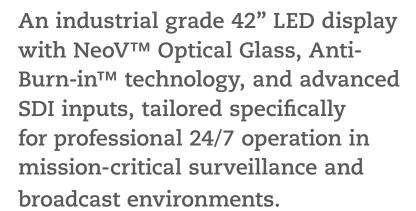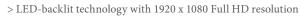
Featured with SDI inputs to receive mega-pixel images directly from HD-SDI devices, the HX-42 ensures ultra clear image reproduction without signal interruption or video latency. Coupled with advanced Anti-Burn-inTM and AIP technology, the HX-42 guarantees flexible and real-time viewing options. Along with NeoVTM Optical Glass and a durable metal housing, the HX-42 conforms to industrial standards in security and broadcast applications.

> LED-backlit technology with 1920 x 1080 Full HD resolution
> SDI connection supports 3Gb/s, 1.5Gb/s HD, SD SDI video inputs
> NeoV™ Optical Glass
> Anti-Burn-in™ technology
> AG Neovo Advanced Image Platform (AIP) technology: PIP/PBP function; 3D Comb Filter / Deinterlace / Noise Reduction
> MVA panel ensures consistent and accurate colour from all viewing angles
> Flexible display orientation: portrait/ landscape
> Versatile connectivity: VGA, DVI, HDMI, DisplayPort, 3G SDI, BNC, S-Video, Component, Audio
> Built-in speakers
> Built-in Scheduler allows different scheduled activations
> EcoSmart Sensor for low power consumption
> HeatControl Sensor prevents the display from overheating
> Rigorous screening of the components for mission-critical 24/7 operations
> RS-232 and RJ45 for display control from a remote location
> Tiling function for easy video wall setup (supports up to 5 x 5)
> Durable metal housing

LED

NeoV™ Optical Glass - The most trusted hard glass protection available. Only on AG Neovo displays

NeoV OPTICAL GLASS

Anti-Burn-in™

AIP ADVANCED Image Platform

HX-42

Specifications		HX-42
Panel	Panel Type	LED-Backlit TFT LCD (MVA Panel)
	Panel Size	42.0"
	Max. Resolution	FHD 1920 x 1080
	Refresh Rate	60 Hz
	Pixel Pitch	0.4845 mm
	Brightness	400 cd/m² (Typical)
	Contrast Ratio	3000 : 1 (Typical)
	Viewing Angle (H/V)	178°/178°
	Display Colour	16.7 M
	Response Time (GTG)	6.5ms (GTG)
Frequency (H/V)	H.Freq	30kHz - 75kHz
	V.Freq	50Hz - 75Hz
Input	VGA	15-Pin D-Sub
	DVI	24-Pin DVI-D
	S-Video	4-Pin mini DIN
	Component (YPbPr)	RCA
	HDMI	HDMI x 2
	SDI	BNC
	CVBS	BNC
	DisplayPort	DisplayPort
Output	VGA	15-Pin D-Sub
	DVI	24-Pin DVI-D
	SDI	BNC
	CVBS	BNC
External Control	RS-232 in/out	9-Pin D-Sub
	RJ45	RJ45
Audio	Audio In	1 x stereo audio in for PC (audio jack, 3.5 Ø) 1 x stereo audio in (RCA)
	Audio Out	1 x stereo audio out (RCA)
	Internal Speaker	12W x 2
	External Speaker Out	12W x 2
SDI	3G-SDI (SMPTE 424M)	1080p @50/60fps
	HD-SDI (SMPTE 292M)	720p @24/25/30/50/60fps 1080p @24/25/30fps 1080i @50/60fps
	SD-SDI (SMPTE 259M)	525 (NTSC)/ 625 (PAL)
Power	Power Supply	Internal
	Power Requirements	100 ~ 240 V, 50 - 60 Hz
	Consumption	< 150W (On) < 8W (Stand-by) < 0.5W (Off)
NeoV™ Optical Glass	Thickness	3.0 mm (0.12")
Sync Format	Video System	NTSC/PAL
Operating Conditions	Temperature	0°C ~ 40°C (32°F~104°F)
	Humidity	10% ~ 90% (No condensation)
Storage Conditions	Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
	Humidity	10% ~ 90% (No condensation)
Mounting	VESA FPMPMI	Yes (400 x 200mm)
Dimensions	w/o Base (W x H x D)	981.7 x 574.7 x 125.5 mm (38.7" x 22.6" x 4.9")
	w/o Base Packaging (W x H x D)	1128 x 725 x 290 mm (44.4" x 28.5" x 11.4")
Weight	w/o Base	24.9 kg (54.9 lbs)
	Packaging weight	29.1 kg (64.1 lbs)
Regulation Approval	Certifications & Compliance	FCC, CB, CE, CEL, CCC, BSMI, RoHS, WEEE, REACH, Erp
Accessories	Supplied	CD ROM (user manual), 15-Pin D-Sub cable, power cord, remote control, batteries
	Optional	Stand base (STD-03)

NeoV™ Optical Glass protects against scratches, impacts and other physical damage

Anti-Burn-in™ technology prevents image sticking

SDI inputs bring forth mega-pixel images without interruption or delay

Multiple video inputs (VGA, DVI, HDMI, BNC, S-Video, DisplayPort and Component) allow for effortless system integration