HMQ-7501 4K SURVEILLANCE DISPLAY WITH SDI

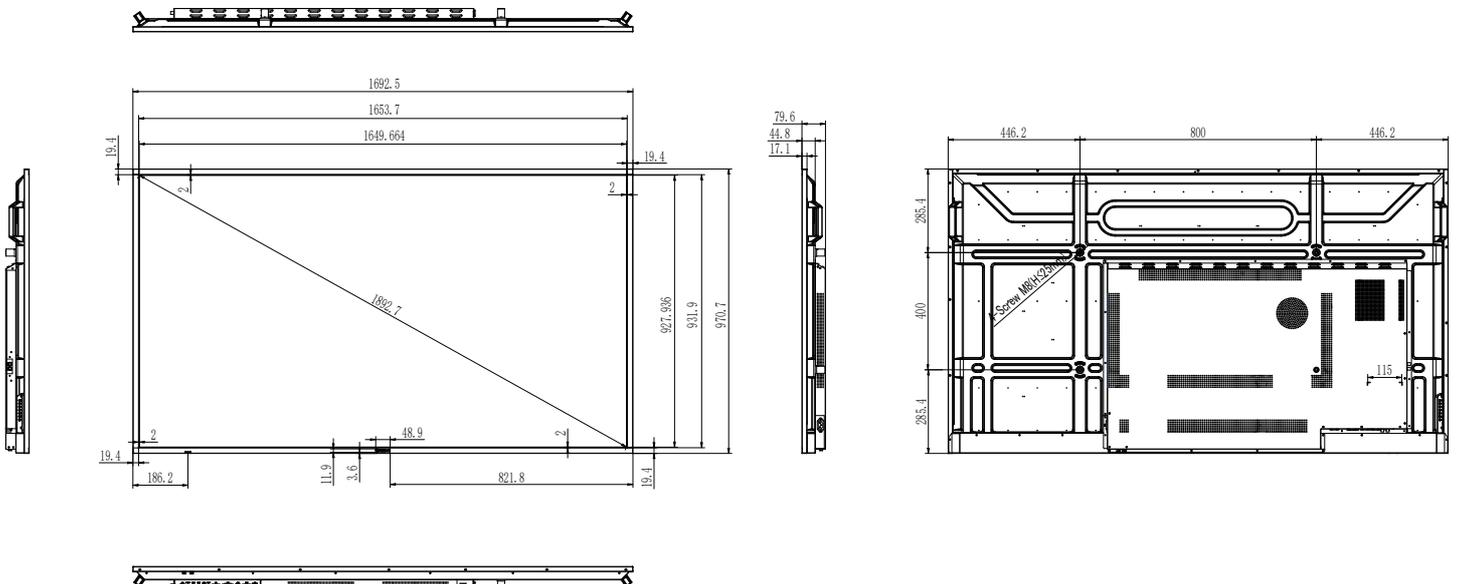| 4K ULTRA HD | Gamma | METAL CASING | Anti-Burn-in™ | 24/7 | HD-SDI |

FEATURES

- 4K UHD 3840 x 2160 resolution
- Anti-Burn-in™ technology prevents image ghosting
- Image Enhancer: 3D Comb Filter / Deinterlace / Noise Reduction
- Versatile connectivity: SDI, HDMI, DVI, VGA, Composite (BNC)
- Supports multiple SDI formats: 3G/HD/SD-SDI
- Embedded audio in SDI up to 8 channels of 48kHz
- BNC passive loop-through output port
- RS232/LAN Control - provides compatibility with control systems
- Dark surveillance enhancement with CCTV mode & black-level adjustment
- Selectable gamma curves optimise different kinds of images
- Compatible with Neovo Controller for simultaneous multi-display control
- Optional blue or black screen when no input signal is detected
- Lockable control keys to prevent tampering in public environments
- Commercial-grade panel for high reliability and long product lifetime
- 24/7 Operation with a rugged metal housing design

The HMQ-7501 is a 75-inch 4K LCD display with SDI connectivity, perfect for live video streaming over long distances in broadcasting and monitoring applications. This advanced display technology is future-proof and compatible with both analogue and digital surveillance systems. The HMQ-7501 delivers up to 8MP image quality via an HDMI connection, providing crisp video footage. Its SDI loop-through design enables the display to receive real-time 1080p images from HD-SDI or 3G-SDI cameras and transmit uncompressed video to multiple SDI displays with ultra-low latency. It caters to the demand for high-quality image detail in live video monitoring for broadcasting and video surveillance solutions.

TECHNICAL DRAWING

SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (IPS Technology)
Panel Size	75"
Max. Resolution	UHD 3840 x 2160
Pixel Pitch	0.43 mm
Brightness	450 cd/m²
Contrast Ratio	1200:1
Viewing Angle (H/V)	178°/178°
Display Colour	1.07B
Response Time	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 1%), 3H Hard Coating

Frequency

Frequency (H)	31 kHz ~ 92 kHz
Frequency (V)	48 Hz ~ 76 Hz

Signal Input

SDI	BNC x 1
HDMI	2.0 x 1
DVI	24-Pin DVI-D
VGA	15-Pin D-Sub x 1
Composite	BNC x 1

Signal Output

SDI	BNC x 1
Composite	BNC x 1

External Control

RS232 In	9-Pin D-Sub
LAN	RJ45 x 1

Other Connectivity

USB	2.0 x 1 (Service Port)

Audio

Audio In	Stereo Audio Jack (3.5 mm)
Audio Out	S/PDIF
	Stereo Audio Jack (3.5 mm)
Internal Speakers	15 W x 2

Power

Power Requirements	AC 100-240V, 50/60 Hz
On Mode	201W (On)
Standby Mode	< 0.5W
Off Mode	< 0.3W
Power Supply	Internal

Operating Conditions

Temperature	0°C-40°C (32°F-104°F)
Humidity	20%-85% (non-condensing)

Storage Conditions

Temperature	-10°C-60°C (-4°F-140°F)
Humidity	10%-95% (non-condensing)

Mounting

VESA FPMPMI	Yes (800 x 400 mm)

Dimensions

Product w/o Base (W x H x D)	1692.5 x 970.7 x 79.6 mm (66.6" x 38.2" x 3.1")
Packaging (W x H x D)	1900.0 x 1125.0 x 225.0 mm (74.8" x 44.3" x 8.9")

Weight

Product w/o Base	38.0 kg (83.78 lb)
Packaging	50.0 kg (110.2 lb)

Regulation Approval

Certifications & Compliance	CE, LVD, WEEE, RoHS, REACH, EAC

Accessories

Supplied	HDMI Cable, Power Cord, Quick Start Guide, Remote Control (Batteries not included)

Optional Accessories

Floor Mount (Landscape only)	FMC-07
Wall Mount (Landscape only)	LMK-03