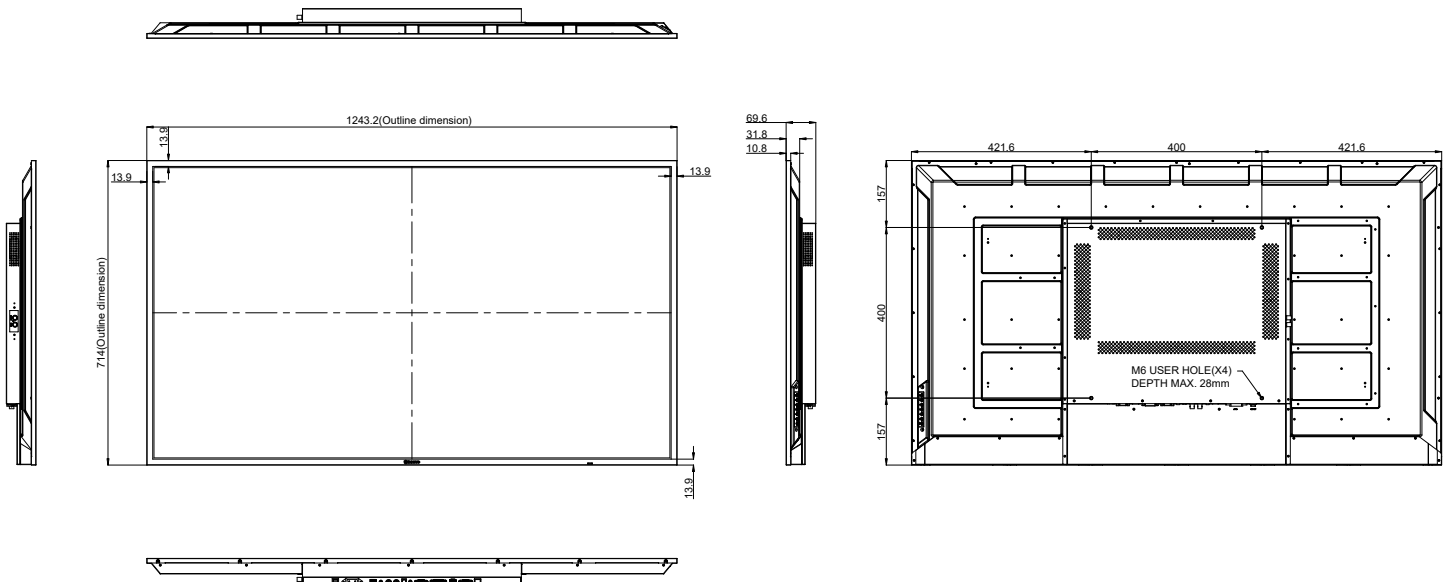# HMQ-5501 4K SURVEILLANCE DISPLAY WITH SDI

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
- Black-level adjustment for presenting more details in dark images
- Selectable gamma curves optimise different kinds of images
- CCTV picture mode for maximum image detail in low light footage
- 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

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

The HMQ-5501 is a 55-inch 4K surveillance display with SDI that supports live video streaming over long distances in surveillance and monitoring applications. The display technology is future-proof and compatible with analogue and digital surveillance systems. The HMQ-5501 supports up to 8MP image quality through an HDMI connection to present crisp video footage. With SDI loop-through design, the display can receive real-time 1080p images from HD-SDI or 3G-SDI cameras and transmit the uncompressed videos to multiple SDI displays with ultra-low latency. It fulfils the need for high-quality image details to live video monitoring in broadcasting and video surveillance solutions.

TECHNICAL DRAWING

SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (IPS Technology)
Panel Size	54.6"
Max. Resolution	UHD 3840 x 2160
Pixel Pitch	0.315 mm
Brightness	350 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)	15KHz~135KHz
Frequency (V)	24Hz ~ 86 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	5 W x 2

Power

Power Requirements	AC 100-240V, 50/60 Hz
On Mode	99W (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 (400 x 400 mm)

Dimensions

Product w/o Base (W x H x D)	1243.2 x 714.0 x 69.6 mm (48.9" x 28.1" x 2.7")
Packaging (W x H x D)	1364.0 x 824.0 x 154.0 mm (53.7" x 32.4" x 6.1")

Weight

Product w/o Base	15.0 kg (33.1 lb)
Packaging	18.8 kg (41.5 lb)

Regulation Approval

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

Accessories

Supplied	Batteries, HDMI Cable, Power Cord, Quick Start Guide, Remote Control

Optional Accessories

Ceiling Mount (Landscape only)	CMP-01 + LMK-01
Desk mount (Landscape only)	DTS-01
Floor Mount (Landscape only)	FMC-02, FMC-03 + LMK-04, FMC-04 + LMK-04, FMC-05B, FMC-06, FMS-01, FMS-02, FWL-01B
Video Wall Mount	VWM-01, VWM-02
Wall Mount (Landscape only)	LMA-01, LMA-02, LMK-01, LMK-03