

# HMQ-4301 4K SURVEILLANCE DISPLAY WITH SDI

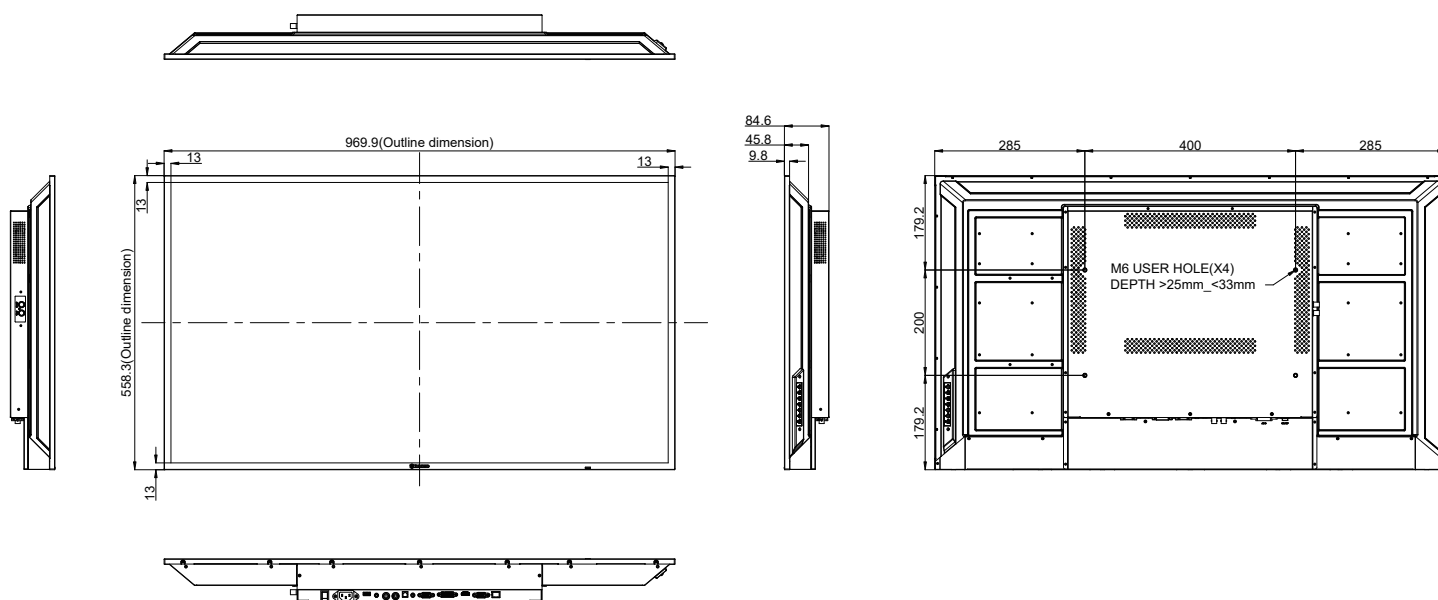
## FEATURES



- 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
- 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-4301 is a 43-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-4301 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	43.0"
Max. Resolution	UHD 3840 x 2160
Pixel Pitch	0.245 mm
Brightness	350 cd/m <sup>2</sup>
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	75W (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 FPM PMI	Yes (400 x 200 mm)
--------------	--------------------

### Dimensions

Product w/o Base (W x H x D)	969.9 x 558.3 x 84.6 mm (38.2" x 22.0" x 3.3")
Packaging (W x H x D)	1070.0 x 663.0 x 153.0 mm (42.1" x 26.1" x 6.0")

### Weight

Product w/o Base	9.2 kg (20.3 lb)
Packaging	11.9 kg (26.2 lb)

### Regulation Approval

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

### Accessories

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

### Optional Accessories

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



All specifications are subject to change without prior notice.  
Copyright © 2025 AG Neovo. All rights reserved.  
The name AG Neovo is a trademark of AIC.  
All other trademarks are the property of their respective owners.  
P/C: HM4310 Version 3.0, 20251003