

SG-0905DH-4I-4K

4K Network Video Decoder



Functions

- Designed for standalone operator viewers
- H.265+/H.265/H.264/MJPEG/MPEG4/MPEG2 video decoding
- Ultra-high decoding ability, up to 12MP
- 2ch HDMI and 2ch DVI-I input, 9ch HDMI output
- Support 1/4/9/16/25/36 and free split
- Support audio, alarm, bi-directional talk, RS485
- Splicing screens control for zoom/merge/roam/overlay
- Support maximum video wall 9 screens.



Specification

Technical Specification

System

Processor	Embedded processor
Operating System	LINUX

Performance

Video Format	MPEG2/MPEG4/H.264/H.265/H.265+/MJPEG		
Audio Format	PCM/G711/AAC		
Decoding Capacity Separately	Port 1,2,3	Port 4,5,6	Port 7,8,9
	3CH@12MP/4CH@4K/16CH@1080P/36CH@720P/48CH@D1	3CH@12MP/4CH@4K/16CH@1080P/36CH@720P/48CH@D1	3CH@12MP/4CH@4K/16CH@1080P/36CH@720P/48CH@D1
Total Video Decoding	9CH@12MP/12CH@4K/48CH@1080P/108CH@720P/144CH@D1		
Decoding Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P/960H/D1/HD1/2CIF/CIF/QCIF		
Video Output	9ch HDMI		
Display Resolution	3840×2160/2560×1600/1920×1080/1280×1024/1280×720/1024×768, only 6 ports support 3840×2160, the remaining 3 ports support 2560×1600		
Interoperability	Onvif		
Communication Interface	2 RJ45 network port (10M/100M/1000M); 3 RS232(1 DB9, 2 RJ45); 1 RS485		
Bi-directional Talk	1 Pair 3.5mm jack (2.0V Line in/50mV Mic in/10KΩ, 2.0V/16Ω out)		
Alarm Input	4ch		
Alarm Output	4ch relay out (30VDC 1A, 125VAC, 0.5A)		

Others

Power Supply	AC100-240V, 50Hz-60Hz
Power Consumption	≤70W
Working Temperature	-10 °C to +55 °C (14 °F to 131 °F)
Working Humidity	10~90%RH / 86~106kpa
Unit Dimension	1.5U, 440×408×70mm(17.32 × 16.06 × 2.76 inch), (W*D*H)
Weight	4.83kg(10.65 lb)

