

5809-34/5809-42/5809-74

HDMI Video Wall Controller



Key Vaule Highlight

- Build the TV wall in control Room

The controller can get video from the Video server, IP cameras, DVRs, NVRs and output to the TV walls.

- Decode the video without PC platfrom

The operator can program the layout with PC software and save sequences to the decoders.

- Program emergency plans with operation software

The operator can create emergency plans with PC software, switch to the plan when the emergency come up on the field.

- 32-channel maximum output in each monitor

The decoder can decode 8-channel 1080p, 16-channel 720p, 32-channel D1 IP video to each monitor.

- Complete open

The decoder can work with 3rd-party ip camera basing on onvif protocols.

Typical Application

Headquarter office

Hotel

City Surveillance

Telecom

Logistics Center

and others

Specification

Rated Voltage and Power	
Rated Voltage and Power	110–240 VAC; 50/60 Hz
External power adapter	N/A
Video	
Video Standard	PAL or NTSC
Compression	H.264, H.265
Max. IP Decoding *	5809-34: 40CH 4K /160CH 1080p /320CH 720p /640CH D1 5809-42: 20CH 4K /80CH 1080p /160CH 720p /320CH D1 5809-74: 12CH 4K /48CH 1080p /96CH 720p /192CH D1
Outputs	HDMI
Audio	
Inputs	1 line in , mono RCA, 1 Vpp, 10 kohm
Output	1 line out, mono RCA, 1 Vpp, 10 kohm
Compression	G.711
Sampling rate	8 kHz per channel
Monitors	
HDMI	Live
Live Resolution	SVGA: 800x600, 1024x768, 1280x1024, 1360x768, 1440x900, 1920x1080, 4K
Alarm Handling	
Inputs	RS485, IPC alarm
Events	Motion detect, Video Blind, Video Loss, IPC Alarm, Local Alarm
Notification	Video pop up, preset layout, sequence,

* Each monitor can decode 32-channel D1 max.

It can not display all 640CH in single monitor

Connections	
Ethernet	10/100/1000 Base-T, auto-sensing, half/full duplex, RJ45
USB	2 USB 2.0 each module
HDMI	1 in, 2 out each module
RS485	1 port (for alarm input)
RJ45 main	1 port (for concatenation)
Network	
Supported devices	Golbong Video Server, IP Cameras, NVR, DVR, Onvif IP camera
Mechanical	
Dimensions (W x D x H) (excluding cabling)	TBA
Weight	TBA
Environmental	
Operating temperature	+5 °C to +45 °C (+41 °F to +113 °F)
Storage temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Relative humidity	Operating: <93 % non-condensing Storage: <95 % non-condensing
Ordering Information	
Video Wall controller	5809-34 (20 HDMI monitors)
	5809-42 (10 HDMI monitors)
	5809-74 (6 HDMI monitors)