

8-CH VIDEO SERVER GGM CAMS08



8-CH

D1

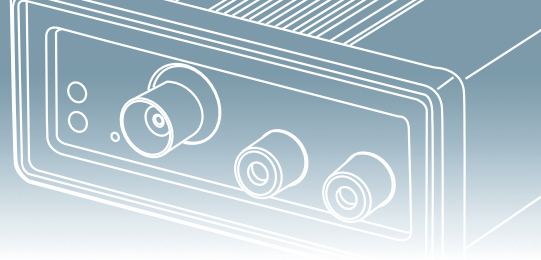
Rack Mount Design

GGM CAMS08, the new milestone in video server security performing 8-CH high resolution with high frame rate in H.264, are able to convert analog video into digital video with the highest quality. The H.264 compression format drastically reduces the file sizes and conserves valuable bandwidth and storage space. The **GGM CAMS08** supports single stream to be transmitted in H.264, MPEG-4 and MJPEG formats for versatile applications. The stream can also be individually configured with frame rates, resolution, and image quality so as to meet different platforms or bandwidth constraints.

Featured with intelligent video functions, such as motion detection & temper detection, the **GGM CAMS08** are capable of upgrading analog cameras into intelligent cameras. The tamper detection feature can detect events such as blockage, redirection, defocus, and spray-painting of camera lens, making it an intelligent solution to possible camera obstruction. Furthermore, the video server also upgrades the security level of the IP surveillance system with the network security protocols, HTTPS and 802.1x. It is also designed with Giga LAN for large transmission need and DC 12V/AC 24V compatible power input design. These features make **GGM CAMS08** easy to install and integrate with the existing analog system.

MAIN FEATURES

- Up to 25 fps in D1 Resolution
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- 8-CH Video and Audio In
- Two-way Audio
- RS-485 Interface for PTZ Camera Control
- 8 Digital I/O for External Sensor and Alarm
- DC 12V/AC 24V Compatible Power Input
- Professional Rack Mount Design
- Supports Gigabit Ethernet Data Transmission



PRODUCT SPECIFICATIONS

SYSTEM

CPU	Mozart 380 SoC
Flash	32MB
RAM	512MB
Embedded OS	Linux 2.6

CAMERA CONTROL

PTZ camera control through RS-485
Supported devices and protocols : DynaDome/
SmartDome, Pelco D, LiLin, Pelco P, Samsung
sc643 and customized types
Supports CGI command serial driver

VIDEO

Compression	H.264/MJPEG/MPEG-4
Streaming	Single Stream H.264 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 streaming over UDP, TCP, HTTP or HTTPS H.264/MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS Supports activity adaptive streaming for dynamic frame rate control Supports 3GPP mobile surveillance
Frame rates	H.264 : Up to 25 fps @ 720x576 (PAL) per channel Up to 180 fps at D1 in total MPEG-4 : Up to 25 fps @ 720x576 (PAL) per channel Up to 80 fps at D1 in total MJPEG : Up to 25 fps @ 720x576 (PAL) per channel Up to 240 fps at D1 in total

IMAGE SETTINGS

Adjustable image size, quality and bit rate
Time stamp and text caption overlay
Flip & mirror
Configurable brightness, contrast, saturation, sharpness
Supports privacy masks

AUDIO

Compression	G.711 audio encoding, bit rate : 64 kbps, μ -Law, or A-Law mode selectable
Interface	Audio input, up to 1Vrms, 3.5 mm Phone Jack Audio output, Terminal block x 8 Supports two-way audio (Per channel) Supports audio mute

NETWORKING

Protocols	10/100/1000 Mbps Gigabit Ethernet, RJ-45 Onvif support IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTMP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X
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ALARM AND EVENT MANAGEMENT

Triple-window video motion detection
Tamper detection
Eight D/I and eight D/O for external sensor and alarm
Event notification using HTTP, SMTP or FTP
Local recording of MP4 file

SECURITY

Multi-level user access with password protection
IP address filtering
HTTPS encrypted data transmission
802.1X port-based authentication for network protection

USERS

Live viewing for up to 10 clients

DIMENSIONS

189 mm (L) x 153 mm (W) x 49.3 mm (H)

WEIGHT

Net	837 g
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LED INDICATOR

System power and status indicator
System activity and network link indicator

POWER

Power input	DC 12V/AC 24V Power consumption : Max. 24 W
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APPROVALS

CE, LVD, FCC, VCCI, C-Tick

OPERATING ENVIRONMENTS

Temperature	10°C ~ 50 °C
Humidity	20 ~ 80% RH

VIEWING SYSTEM REQUIREMENTS

OS	Microsoft Windows 2000/XP/Vista/Win7
Browser	Internet Explorer 6 or above
Cell phone	3GPP player
Real Player	10.5 or above
Quick Time	6.5 or above

INSTALLATION, MANAGEMENT, AND MAINTENANCE

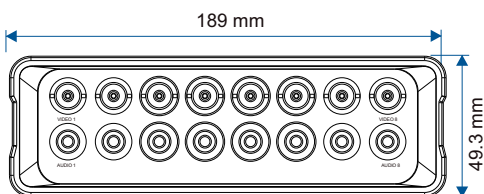
Installation Wizard 2
Supports firmware upgrade

APPLICATIONS

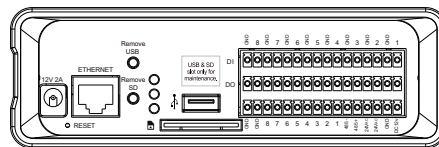
SDK available for application development and system integration

WARRANTY

24 months



Front



Back

PART NUMBER

P/N	DESCRIPTION
GGM CAMS04	4-CH Video Server
GGM CAMS08	8-CH Video Server

YOUR POINT OF CONTACT

