

## FIXED NETWORK IP CAMERA HOME SECURITY GGM CAMF09 & GGM CAMF09P



CMOS

HD

1/4" CMOS  
SENSOR

RESOLUTION  
1280 X 800

1/4" CMOS sensor

1280 x 800 resolution (1MP)

Triple codec  
H264, MPEG-4 & MJPEG

PoE 802.3af  
(GGM CAMF09P)

**GGM CAMF09** (Wired) is an easy-to-use network camera specifically designed for home security applications with a compact, stylish exterior. Equipped with a 1MP sensor enabling viewing resolution of 1280x800 at 30fps, users need look no further for an all-in-one camera capable of capturing high quality, high resolution video.

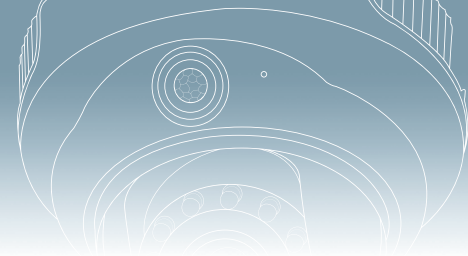
Embedded with the VATICS "Mozart" SoC, the camera supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With MPEG-4 and MJPEG compatibility also included, video streams can also be transmitted in any of these formats for versatile applications. The streams can also be individually configured to meet different constraints, thereby further reducing bandwidth and storage requirements. Users can thus receive multiple streams simultaneously in different resolutions, frame rates, and image qualities for viewing on different platforms.

With this network camera, a user can quickly and easily view children, the elderly, or even pets with live, clear videos while away from home. The camera also includes tamper detection, and GIGAMEDIA's 32-channel recording software. With all this and more, the **GGM CAMF09** is the ideal solution for your surveillance needs.

MODEL	POWER	POE 802.3AF NATIF
<b>GGM CAMF09</b>	Yes	No
<b>GGM CAMF09P</b>	No	Yes

### PRODUCT FEATURES

- Compact, Elegant Design
- 1/4" CMOS Sensor in 1280x800 Resolution
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Multiple Simultaneous Streams
- Activity Adaptive Streaming for Dynamic Frame Rate Control
- Privacy Button to Pause Monitoring
- Tamper Detection for Unauthorized Changes



## PRODUCT SPECIFICATION

<b>SYSTEM</b>		<b>AUDIO</b>		<b>APPROVALS</b>	
CPU	Mozart 365 SoC	Compression	GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps G.711 audio encoding, bit rate: 64 kbps, $\mu$ -Law or A-Law mode selectable	CE, LVD, FCC, VCCI, C-Tick	
Flash	16MB	Interface	Built-in microphone Supports audio mute	<b>OPERATING ENVIRONMENT</b>	
RAM	128MB	<b>NETWORKING</b>		Temperature	0 ~ 40 °C (32 ~ 104 °F)
Embedded OS	Linux 2.6	10/100 Mbps Ethernet, RJ-45 Onvif support		Humidity	90% RH
<b>LENS</b>		Protocols		<b>VIEWING SYSTEM REQUIREMENT</b>	
Board lens, Fixed, f = 3.45 mm, F2.4		IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, and SNMP		OS	Microsoft Windows 7/Vista/XP/2000
<b>ANGLE OF VIEW</b>		<b>ALARM AND EVENT MANAGEMENT</b>		Browser	Mozilla Firefox, Internet Explorer 6.x or above
Horizontal	58.1°	Triple-window video motion detection Tamper detection		Cell phone	3GPP player
Vertical	37.9°	One D/I and one D/O for external sensor and alarm Event notification using HTTP, SMTP or FTP Local recording of MP4 file		Real Player	10.5 or above
Diagonal	65.9°	<b>SECURITY</b>		Quick Time	6.5 or above
<b>SHUTTER TIME</b>		Multi-level user access with password protection IP address filtering HTTPS encrypted data transmission		<b>INSTALLATION, MANAGEMENT AND MAINTENANCE</b>	
1/5 sec. to 1/25,000 sec.		<b>USERS</b>		Installation Wizard 2 32-CH ST7501 recording software Supports firmware upgrade	
<b>IMAGE SENSOR</b>		Live viewing for up to 10 clients		<b>APPLICATION</b>	
1/4" CMOS sensor in 1280x800 resolution		<b>DIMENSIONS</b>		SDK available for application development and system integration	
<b>MINIMUM ILLUMINATION</b>		32 mm (D) x 79 mm (W) x 80 mm (H)		<b>WARRANTY</b>	
3.0 Lux / F2.4		<b>WEIGHT</b>		24 months	
<b>VIDEO</b>		Net			
Compression	H.264, MJPEG & MPEG-4	180 g			
Streaming	Multiple simultaneous streams H.264 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS Supports activity adaptive streaming for dynamic frame rate control Supports 3GPP mobile surveillance	<b>LED INDICATOR</b>			
Frame rates	H.264 : Up to 30 fps at 1280x800 MPEG-4 : Up to 23 fps at 1280x800 MJPEG : Up to 30 fps at 1280x800	System power and status indicator System activity and network link indicator Privacy button on			
<b>IMAGE SETTINGS</b>		<b>POWER</b>			
Adjustable image size, quality and bit rate Time stamp and text caption overlay Flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance and exposure AGC, AWB, AES BLC (Backlight Compensation) Supports privacy masks		5V DC Power consumption : Max. 3.4 W			

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