



## NETWORK CAMERA 1MP COMPACT SIZE GGM CAMF10M & GGM CAMF10MIR



GGM CAMF10M



GGM CAMF10MIR

1MP

RESOLUTION  
1MP



FUNCTION  
DAY / NIGHT



IR ILLUMINATORS  
6M



CMOS sensor

1 Megapixel

Dual codec  
H264 & MJPEG

Day / Night function  
(GGM CAMF10IR)

IR (6m)  
(GGM CAMF10IR)

Compact design

**GGM CAMF10M** is a compact cube camera designed for indoor surveillance. This design makes it an ideal solution for offices, shops and homes. A built-in microphone further increases the level of surveillance by recording sound within a 5m radius. Moreover, the **GGM CAMF10MIR** is equipped with IR LEDs and provides clear video in completely dark environments.

The **GGM CAMF10M/CAMF10MIR** supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth.

### MAIN FEATURES

- 1-Megapixel CMOS Sensor
- Compact Design
- Real-time H.264 and MJPEG Compression (Dual Codec)
- 25 fps @ 1280x800
- Two-way Audio
- Removable IR-cut Filter for Day and Night Function (CAMF10MIR)
- Built-in IR Illuminators, Effective up to 6m (CAMF10MIR)
- Built-in MicroSD/SDHC Card Slot for On-board Storage



## PRODUCT SPECIFICATION

### SYSTEM

CPU	Multimedia SoC (System-on-Chip)
Flash	16MB
RAM	128MB

### CAMERA FEATURES

Image Sensor	1/4" Progressive CMOS
Max. Resolution	1280x800
Lens Type	Fixed-focal
Focal Length	f = 3.6mm
Aperture	F1.8
Field of View	61° (horizontal) 38° (Vertical) 73° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
Day/Night	Removable IR-cut filter for day & night function (CAMF10MIR)
Mini. Illumination	0.45 Lux, 50 IRE (Color) 0.001 Lux, 50 IRE (B/W) (CAMF10MIR)
Pan/tilt/zoom	ePTZ : 16x digital zoom (4x on IE plug-in, 4x built-in)
IR Illuminators	Built-in IR illuminators, effective up to 6m IR LED*6 (CAMF10MIR)
On-board Storage	Micro SD/SDHC/SDXC card slot

### VIDEO

Compression	H.264 & MJPEG
Max. Frame Rate	H.264: 25 fps at 1280x800 MJPEG: 25 fps at 1280x800
Max. Streams	2 simultaneous streams
S/N Ratio	Above 62dB
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks Scheduled profile settings

### AUDIO

Audio Capability	Audio input/output (full duplex)
Compression	G.711
Interface	Built-in Microphone External line output
Effective Range	5m

### NETWORK

Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X
Interface	10Base-T/100 BaseTX Ethernet (RJ-45) ONVIF

### INTELLIGENT VIDEO

Triple-window video motion detection

### ALARM AND EVENT

Alarm Triggers	Video motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server

### GENERAL

Connectors	RJ-45 for Network connection Terminal block*2 for digital input Terminal block*2 for audio out DC-Jack for DC 12V power input
LED Indicator	System power and status indicator

### POWER

Power Input	12V DC
Power Consumption	Max. 1.8W (CAMF10M) Max. 3.0W (CAMF10MIR)

### DIMENSIONS

31 (D) x 80 (W) x 80mm (H) (CAMF10M)
46 (D) x 80 (W) x 80mm (H) (CAMF10MIR)

### WEIGHT

Net	83g (CAMF10M) 123g (CAMF10MIR)
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### CERTIFICATIONS

CE, LVD, FCC Class B, VCCI, C-Tick

### ENVIRONMENTAL

0°C ~ 40°C

### SYSTEM REQUIREMENTS

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7-10 (streaming only) Internet Explorer 7.x or 8.x
VLC	1.1.11 or above
QuickTime	7 or above

### WARRANTY

24 months

### YOUR POINT OF CONTACT

