

MINI-BOX NETWORK CAMERA 1,3MP COMPACT SIZE GGM CAMF01M & GGM CAMF01MF4



GGM CAMF01M



GGM CAMF01MF4

1.3MP
RESOLUTION
1.3MP

FUNCTION
DAY / NIGHT

COMPACT
SIZE



CMOS sensor

1,3 Megapixel

Dual codec
H264 & MJPEG

Day / Night function

Removable IR-Cut filter

Supreme night visibility

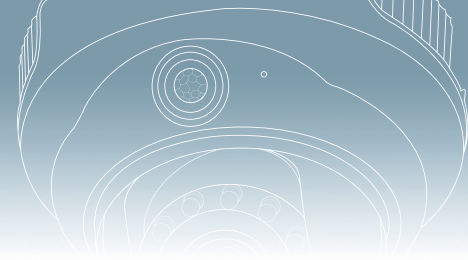
Compact design

GGM CAMF01M/CAMF01MF4 features a brand new box camera design concept from Gigamedia, with a compact size and a multitude of features. The small size makes it an easy to fit into different types of enclosures with different lens options, with the ability to fit a CS-mount lens making it a flexible solution for all types of surveillance. The Supreme Night Visibility features results in excellent video quality in low light environments; pairing with the built-in IR-cut filter further increase the range of visibility at night by allowing the use of IR illuminators. With all of these features and more, the camera is especially suitable for city surveillance, retail stores, government, industrial applications or hotel security.

The **GGM CAMF01M/CAMF01MF4** supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth.

MAIN FEATURES

- 1.3-Megapixel CMOS Sensor
- Compact Design
- Real-time H.264 and MJPEG Compression (Dual Codec)
- 25 fps @ 1280x1024
- Supreme Night Visibility (filter)
- Two-way Audio
- Removable IR-cut Filter for Day and Night Function
- Built-in IEEE 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage



PRODUCT SPECIFICATION

SYSTEM

CPU	Multimedia SoC (System-on-Chip)
Flash	16MB
RAM	156MB

CAMERA FEATURES

Image Sensor	1/3" Progressive CMOS
Max. Resolution	1280x1024
Lens Type	Vari-focal (CAMF01M) Fixed-focal (CAMF01MF4)
Focal Length	f = 3.3 ~ 12mm (CAMF01M) f = 4mm (CAMF01MF4)
Aperture	F1.4 (wide), F2.4 (tele) (CAMF01M) F1.6 (CAMF01MF4)
Auto-iris	DC-iris (CAMF01M) Fixed-iris (CAMF01MF4)
Field of View	CAMF01M : 34° ~ 74° (horizontal) 25° ~ 60° (vertical) 40° ~ 95° (diagonal) CAMF01MF4 : 76° (horizontal) 60° (vertical) 99° (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
Day/Night	Removable IR-cut filter for day & night function
Mini. Illumination	CAMF01M : 0.11 Lux @ F1.4 (Color) 0.001 Lux @ F1.4 (B/W) CAMF01MF4 : 0.12 Lux @ F1.6 (Color) 0.001 Lux @ F1.6 (B/W)
Pan/tilt/zoom	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
On-board Storage	Micro SD/SDHC/SDXC card slot

VIDEO

Compression	H.264 & MJPEG
Max. Frame Rate	H.264: 25 fps at 1280x1024 MJPEG: 25 fps at 1280x1024
Max. Streams	2 simultaneous streams
S/N Ratio	Above 58dB
Dynamic Range	67dB
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	External microphone input External line output

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/PoE connection Audio input Audio output RS485*1 Digital input*1
LED Indicator	System power and status indicator

POWER

Power Input	IEEE 802.3af PoE Class 2
Power Consumption	Max. 3.4W

DIMENSIONS

39 (D) x 80 (W) x 70mm (H) (Body only)
88 (D) x 80 (W) x 70mm (H) (CAMF01M)
52 (D) x 80 (W) x 70mm (H) (CAMF01MF4)

WEIGHT

Net	176g (Body only) 233g (CAMF01M with lens) 202g (CAMF01MF4 with lens)
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CERTIFICATIONS

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

ENVIRONMENTAL

0°C ~ 50°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