

BULLET NETWORK CAMERA GGM CAMF58MH



HD
RESOLUTION
2560 X 1920

IP67
PROTECTION
IP67

**FUNCTION
WDR**

**FUNCTION
DAY/NIGHT**

**SMART
FOCUS**

5-MP Full HD

Triple codec
H264, MPEG-4 & MJPEG

IP67

WDR

Day / Night function

WDR function

GGM CAMF58MH is a professional bullet camera 5-Megapixel or 1080p Full HD resolution with a high image quality up to 30 fps. Featuring 5-Megapixel resolution and high-performance H.264/MPEG-4/MJPEG compression technology.

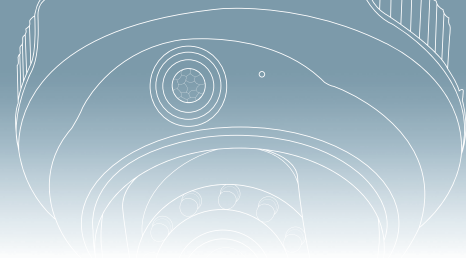
The **GGM CAMF58MH** had many advanced features to allow users to fully utilize the high definition video. The ePTZ function enables users to zoom in and focus on a region of interest (ROI) in the camera view with only a few clicks of a mouse.

The Smart Focus System allows for easy installation and adjustment by adopting a lens with a built-in stepper motor that can remotely control the focal length and precisely adjust the camera focus, offering hassle-free installation and maintenance.

The **GGM CAMF58MH** is furnished with an auto-iris lens, a removable IR-cut filter, and 30-meter IR illuminators for superior image quality around the clock. Moreover, the IP67-rated housing protects against rain and dust and ensures functional operation in all types of weather conditions.

MAIN FEATURES

- 5-Megapixel CMOS Sensor
- 25 fps @ 1080p Full HD
- 3.79 ~ 9 mm Vari-focal, DC-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 m
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
- Smart Focus System for Remote and Precise Focus Adjustment
- Weather-proof IP67-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Mounting Bracket with Cable



PRODUCT SPECIFICATION

SYSTEM

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	256MB

CAMERA FEATURES

Image Sensor	1/2.5" Progressive CMOS
Max. Resolution	2560x1920
Lens Type	Vari-focal
Focal Length	f = 3.79 - 9 mm
Aperture	F1.8 (wide), F3.4 (tele)
Auto-iris	DC-iris
Field of View	35.45° ~ 73° (horizontal) 26.69° ~ 54.77° (vertical) 43.99° ~ 90.91° (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Mini. Illumination	0.03 Lux @ F1.8, 50 IRE (Color) 0.001 Lux @ F1.8, 50 IRE (B/W)
Pan/tilt/zoom	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)
IR Illuminators	Built-in IR illuminators, effective up to 30 m IR LED*24, High Power IR LED*2
On-board Storage	MicroSD/SDHC/SDXC card slot

VIDEO

Compression	H.264, MJPEG & MPEG-4
Max. Frame Rate	H.264: 10 fps at 2560x1920 30 fps at 1920x1080 MPEG-4: 10 fps at 1920x1536 25 fps at 1920x1080 MJPEG: 13 fps at 2560x1920 30 fps at 1920x1080
Max. Streams	3 simultaneous streams
S/N Ratio	Above 61 dB
Dynamic Range	57 dB
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	GSM-AMR, AAC, 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	Ver. 1.02

INTELLIGENT VIDEO

Triple-window video motion detection

ALARM AND EVENT

Alarm Triggers	Video motion detection, manual trigger, digital input, 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

Smart Focus System	Remote focal & focus control
Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input DC 12V power input Digital input*2 Digital output*1
LED Indicator	System power and status indicator
Casing	Weather-proof IP67-rated housing

POWER

Power Input	24V AC12V DC IEEE 802.3af PoE Class 3
Power Consumption	Max. 9.8 W (DC 12V) Max. 11.6 W (AC 24V) Max. 11.8 W (PoE)

DIMENSIONS

Ø: 85 mm x 205 mm

WEIGHT

Net	1750 g
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CERTIFICATIONS

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

OPERATING TEMPERATURE

Starting	-20°C ~ 50°C (-4°F ~ 122°F)
Working	-30°C ~ 50°C (-22°F ~ 122°F)

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

INCLUDED ACCESSORIES

CD	User's manual, quick installation guide, Installation
Others	Quick installation guide, warranty card, sun shield, wall mount bracket, waterproof connector for RJ45 Ethernet enclosure, alignment sticker / desiccant bag, waterproof connector

WARRANTY

24 months

YOUR POINT OF CONTACT