



FIXED DOME NETWORK CAMERA 2MP H264 WDR GGM CAMF27RMH



RESOLUTION
1920 X 1080



CAMERA
2-MEGAPIXEL



POE



FUNCTION
WDR



FUNCTION
DAY / NIGHT



IR ILLUMINATORS
15M



SENSOR
PIR



HSSLE-FREE
INSTALLATION

2-Megapixel
(1920 x 1080 in 30 fps)

ONVIF support

Day / Night function

PoE 802.3af

Triple codec
(H264, MPEG-4 et MJPEG)

Focus assist

GGM CAMF27RMH is an easy-to-use fixed dome network camera, featuring 2-Megapixel or 1080p Full HD resolution with superb image quality up to 30 fps. As a true day/night camera, the **GGM CAMF27RMH** features a removable IR-cut filter, maintaining clear images 24 hours a day. With WDR enhancement, users can identify image details in extremely bright or dark environments. It is especially suitable for monitoring wide open indoor environments such as building entrances, airports or applications requiring accurate identification.

With high-performance H.264/MPEG-4/MJPEG compression technology, the **GGM CAMF27RMH** offers extra-smooth HD video quality. For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the image detail. To resolve this, the **GGM CAMF27RMH** is equipped with a focus assist button to allow users to precisely adjust the camera focus. Furthermore, the unique design of the four-step mount facilitates easy usage of the FD8162, offering more flexible, hassle-free installation and maintenance.

Together with a PIR sensor for thermal detection, 802.3af compliant PoE, tamper detection, MicroSD/SDHC card for on-board storage, video cropping and e-PTZ functionality, the **GGM CAMF27RMH** is indisputably the top choice for reliable and high performance surveillance.

PRODUCT FEATURES

- 2-Megapixel CMOS Sensor
- Up to 30 fps @ 1080p Full HD
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 15 m
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Built-in PIR Sensor for Thermal Detection
- WDR Enhancement for Unparalleled Visibility in Extremely Bright or Dark Environments
- Built-in Focus Assist Button for Precise Focus Adjustment
- Hassle-free Installation
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage



PRODUCT SPECIFICATION

SYSTEM

CPU	Multimedia SoC
Flash	16 MB
RAM	256 MB
Embedded OS	Linux 2.6

LENS

Board lens, vari-focal, f = 3 – 9 mm, F1.2 (wide), F2.1 (tele), auto-iris
Removable IR-cut filter for day & night function

ANGLE OF VIEW

Horizontal	31.7° – 93.0°
Vertical	23.8° – 68.4°
Diagonal	39.6° – 118.9°

SHUTTER TIME

1/5 sec. to 1/32,000 sec.

IMAGE SENSOR

1/2.7" progressive scan CMOS sensor in 1920x1080 resolution

MINIMUM ILLUMINATION

0,08 lx @ F1.2 (Color)
0,001 lux @ F1.2 (B/W)

IR ILLUMINATORS

Built-in IR illuminators, effective up to 15 m
IR LED*18

VIDEO

Compression	H264, MJPEG, MPEG-4
Streaming	Multiple simultaneous streams 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 video cropping for bandwidth saving Supports ePTZ for data efficiency Supports 3GPP mobile surveillance
Frame rates	Up to 30 fps at 1920x1080
Interface	Audio/Video output NTSC/PAL video output switch Focus assist button

IMAGE SETTINGS

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
WDR enhanced
Automatic, manual or scheduled day/night mode
BLC (Backlight Compensation)
Supports privacy masks

AUDIO

Compression	GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps G.711 audio encoding, bit rate: 64 kbps, μ -Law or A-Law mode selectable
Interface	Built-in microphone External microphone input Audio output External/Internal microphone switch Supports two-way audio Supports audio mute

NETWORKING

Network	10/100 Mbps Ethernet, RJ-45 Onvif support
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, TP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X

ALARM AND EVENT MANAGEMENT

Triple-window video motion detection
Tamper detection
One D/I and one D/O for external sensor and alarm
PIR (Passive Infrared Sensor) for human detection
Event notification using HTTP, SMTP or FTP
Local recording of MP4 file

ON-BOARD STORAGE

MicroSD/SDHC card slot
Stores snapshots and video clips

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

DIMENSION

Ø 157 x 110 mm

WEIGHT

Net 765 g

LED INDICATOR

System power and status indicator

POWER

12 V DC
24 V AC
Power consumption : Max. 5.3 W
802.3af compliant Power-over-Ethernet (Class 3)

APPROVALS

CE, LVD, FCC, VCCI, C-Tick

OPERATING ENVIRONMENTS

Temperature	0°C – 50°C (32°F – 122°F)
Humidity	90% RH

VIEWING SYSTEM REQUIREMENTS

OS	Microsoft Windows 7/Vista/XP/2000
Browser	Mozilla Firefox, Internet Explorer 6.x or above
Cell phone	3GPP player
Real Player	10.5 or above
Quick Time	6.5 or above

INSTALLATION, MANAGEMENT, AND MAINTENANCE

Hasse-free Installation
Camera angle adjustment : pan 350°, tilt 65°, rotate 350°
Installation Wizard 2
Supports firmware upgrade

APPLICATION

SDK available for application development and system integration

WARRANTY

24 months

YOUR POINT OF CONTACT

