

FIXED DOME NETWORK CAMERA GGM CAMF27RMS



RESOLUTION
1920 X 1080



CAMERA
2-MEGAPIXEL



FUNCTION
DAY / NIGHT



FUNCTION
WDR



POE



SENSOR
PIR



SMART
IR

Embedded smart IR

2-Megapixel, Full HD
(1920 x 1080 - 25 fps)

PIR

Function day/night

WDR

Triple codecs
H264, MPEG4 & MJPEG

802.3af Compliant PoE

Smart focus system

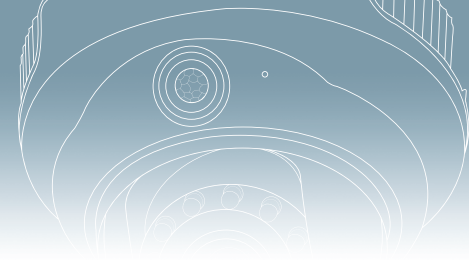
GGM CAMF27RMS is an easy-to-use fixed dome network camera, featuring 2-Megapixel or 1080p Full HD resolution with image quality up to 30 fps. As a true day/night camera, the **GGM CAMF27RMS** features a removable IR-cut filter and 15M smart IR illuminators, maintaining clear images 24h a day. It is especially suitable for monitoring wide open indoor areas such as a building lobby, train station, or applications requiring accurate identification.

For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the image detail. But with the Smart Focus System including Easy Focus Button and Remote Focus to make installation and adjustment easier. The lenses is with a built-in stepper motor that the installer can use to remotely control the focal length and precisely adjust the camera focus, offering hassle-free installation and maintenance. Furthermore, the unique design featuring four-step mounting also facilitates installation of the **GGM CAMF27RMS**.

Together with a PIR sensor for enhanced detection, WDR enhanced, 802.3af compliant PoE, tamper detection, microSD/SDHC/SDXC card slot for on-board storage, video cropping, and e-PTZ functionality, the **GGM CAMF27RMS** is indisputably the top choice for reliable and high performance surveillance.

PRODUCT FEATURES

- 2-Megapixel CMOS Sensor
- 25 fps @ 1920x1080
- 3 ~ 9 mm Motorized, DC-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 15m
- Built-in Smart IR to Avoid Overexposure
- Built-in PIR Sensor for Human Detection
- WDR Enhancement for Unparalleled Visibility in High Contrast Environments
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- Smart Focus System for Remote and Easy Focus Adjustment
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage



PRODUCT SPECIFICATION

SYSTEM INFORMATION

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

CAMERA FEATURES

Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	1920x1080
Lens Type	Vari-focal, remote focus
Focal Length	f = 3 - 9 mm
Aperture	F1.2 (wide), F2.1 (tele)
Iris	DC-iris
Field of View	38° ~ 104° (horizontal) 22° ~ 71° (vertical) 43° ~ 111° (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
Min. Illumination	0.8 Lux @ F1.2, 50 IRE (Color) 0.001 Lux @ F1.2, 50 IRE (B/W)
Pan range	360°
Tilt range	180°
Rotation range	360°
Pan/tilt/zoom	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
IR Illuminators	Built-in IR illuminators, effective up to 15m IR LED*8
On-board Storage	MicroSD/SDHC/SDXC card slot

VIDEO

Compression	H.264, MJPEG & MPEG-4
Max. Frame Rate	H.264: 25 fps at 1920x1080 MPEG-4: 25 fps at 1920x1080 MJPEG: 25 fps at 1920x1080
Max. Streams	4 simultaneous streams
S/N Ratio	Above 52 dB
Dynamic Range	55 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	Built-in microphone External microphone input External line output
Effective Range	5 m

NETWORK

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

INTELLIGENT VIDEO

Video Motion Detection	Triple-window video motion detection
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ALARM AND EVENT

Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection, PIR
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 focus & easy focus)
Connectors	RJ-45 for network/PoE connection Audio input/output AV output AC 24 V power input DC 12 V power input Digital input x1 Digital output x1
LED Indicator	System power and status indicator
Power Input	12 V DC & 24 V AC IEEE 802.3af PoE Class 3 Without power supply
Power Consumption	DC 12 V: 6.9 W PoE: 9.3 W AC 24 V: 8.5 W
Dimensions	Ø: 157 mm x 110 mm
Weight	Net: 840 g
Certifications	CE, LVD, FCC Class B, VCCI, C-Tick, UL
Operating T°	0°C ~ 50°C (32°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
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

INCLUDED ACCESSORIES

CD	User's manual, quick installation guide, Installation Wizard 2, ST7501 32-channel recording software
Others	Quick installation guide, warranty card, alignment sticker, T10 torx screwdriver, screws, plastic anchors, AV cable, software CD

WARRANTY

24 months

YOUR POINT OF CONTACT

