



FIXED DOME NETWORK CAMERA GGM CAMF27RMV



1-Megapixel CMOS sensor

Function day/night

Function WDR Pro

Triple codecs
H264, MPEG4 & MJPEG

Vandal-proof IK10

IP66

802.3af Compliant PoE

The **GGM CAMF27RMV** is an IP network camera which is an HD WDR and CMOS sensor. The WDR authorize the IP camera to capture the dark and bright parts of an image and aggregate the differences to generate a true representative image which is a representative of the original scene, close to the capabilities of the human eye. T

his WDR function allow the GGM CAMF27RMV to be applicable in high contrast environments such as lobby entrances, parking, loading areas, and many more. The P-iris lens allow the iris to be use with extreme precision; with its built-in stepper motor.

Incorporating an IR-cut filter that can be removed automatically at night and built-in IR illuminators which it can goes up to 20 meters maximum. The GGM CAMF27RMV is an excellent 24-hour surveillance solution. The IP66-rated housing and the vandal-proof of the GGM CAMF27RMV allows users to build a cost-effective IP surveillance system without any other accessories.

PRODUCT FEATURES

- 1-Megapixel CMOS Sensor
- 30 fps @ 1280x800
- 3 ~ 9 mm Vari-focal, P-iris Lens
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 20 Meters
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage



PRODUCT SPECIFICATION

SYSTEM INFORMATION

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

CAMERA FEATURES

Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	1280x800
Lens Type	Vari-focal
Focal Length	f = 3 - 9 mm
Aperture	F1.2 (wide), F2.1 (tele)
Iris	P-iris
Field of View	102.68° ~ 35.4° (horizontal) 61.93° ~ 22.80° (vertical) 122.56° ~ 41.11° (diagonal)
Shutter Time	1/15 sec. to 1/25,000 sec.
WDR Technology	WDR Pro
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/tilt/zoom	ePTZ: 16x digital zoom (4x on IE plug-in, 4x built-in)
IR Illuminators	Built-in IR illuminators, effective up to 20m IR LED*18
On-board Storage	MicroSD/SDHC card slot

VIDEO

Compression	H.264, MJPEG & MPEG-4
Max. Frame Rate	H.264: 25 fps at 1280x800 MPEG-4: 25 fps at 1280x800 MJPEG: 25 fps at 1280x800
Max. Streams	2 simultaneous streams
S/N Ratio	Above 60.5 dB
TV Line	1235 TVL (Horizontal)
Dynamic Range	110.4 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 (half duplex)
Compression	GSM-AMR, AAC, G.711
Interface	External microphone input

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, periodical trigger, system boot, recording notification
Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server

GENERAL

Smart Focus System	Focus assist OSD (Network streaming)
Connectors	RJ-45 for Network/PoE connection 3.5 mm phone jack*2 for audio input/output Terminal block*2 for AC 24V power input Terminal block*4 for digital input Terminal block*2 for digital output
LED Indicator	System power and status indicator
Power Input	24V AC IEEE 802.3af PoE Class 3
Power Consumption	Max. 8.0W
Dimensions	Ø: 173 mm x 115 mm
Weight	Net: 1266 g
Casing	Vandal-proof IK10-rated metal housing Weather-proof IP66-rated housing
Certifications	CE, LVD, FCC Class B, VCCI, C-Tick
Operating T°	-20°C ~ 50°C (-4°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, mounting plate, alignment sticker, ceiling hole template sticker, L-type hex key wrench, silica gel, screws, hex nut, double-sided tape, AV cable, waterproof connector & bushing

WARRANTY

24 months

YOUR POINT OF CONTACT

