

## FIXED DOME NETWORK CAMERA GGM CAMF27MHV



RESOLUTION  
1920 X 1080



CAMERA  
2-MEGAPIXEL



POE



FUNCTION  
WDR



FUNCTION  
DAY / NIGHT



FUNCTION  
VANDAL-  
PROOF



SYSTEM  
SMART FOCUS



CMOS Sensor

2-Megapixel, Full HD  
(1920 x 1080 - 30 fps)

Triple codec  
H264, MPEG-4 & MJPEG

PoE 802.3af

ONVIF

Smart Focus System

Weather-proof IP66

Vandal-proof IK10

**GGM CAMF27MHV** are professional fixed dome network cameras offering 2-Megapixel or 1080p Full HD resolution with superb image quality up to 30 fps. The cameras can capture a much more comprehensive area than a standard VGA model, significantly reducing the number of units required. It is especially suitable for monitoring wide open outdoor such as building entrances, airports or applications requiring accurate identification.

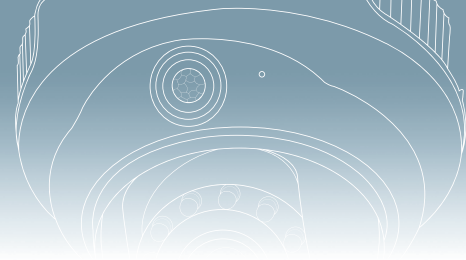
For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the image detail. Thus GIGAMEDIA introduces the Smart Focus System including Focus Assist Button and Remote Focus to make installation and adjustment easier. GIGAMEDIA adopts lenses with built-in stepping motors that the installer can use to remotely control the focal length and precisely adjust the camera focus, offering hassle-free installation and maintenance.

The IP66-rated housing is designed to help the camera body withstand rain and dust and ensures operation under a multitude of harsh weather conditions. Its metal vandal-proof housing effectively provides robust protection from vandalism. Additionally, the wide temperature range further enhances the **GGM CAMF27MHV**'s performance and reliability in extremely cold and warm weather.

With other advanced features such as tamper detection, 802.3af compliant PoE, MicroSD/SDHC card for on-board storage, video cropping, and e-PTZ functionality, the **GGM CAMF27MHV** provide the most robust solution suitable for any demanding outdoor environments.

### PRODUCT FEATURES

- 2-Megapixel CMOS Sensor
- Up to 30 fps @ 1080p Full HD
- Removable IR-cut Filter for Day & Night Function
- 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
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing
- Wide Temperature Range for Extreme Weather Conditions
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage



## PRODUCT SPECIFICATION

<b>SYSTEM</b>		<b>IMAGE SETTINGS</b>		<b>USERS</b>	
CPU	Multimedia SoC	Adjustable image size, quality and bit rate	Time stamp and text caption overlay	Live viewing for up to 10 clients	
Flash	16MB	Flip & mirror	Configurable brightness, contrast, saturation, sharpness, white balance and exposure		
RAM	256MB	AGC, AWB, AES	WDR enhanced		
Embedded OS	Linux 2.6	Automatic, manual or scheduled day/night mode	BLC (Backlight Compensation)		
<b>LENS</b>		Supports privacy masks		<b>DIMENSIONS</b>	
Board lens, vari-focal, f = 3 ~ 9 mm, F1.2 (wide), F2.1 (tele), auto-iris, remote focus				Ø 173 mm x 115 mm	
Removable IR-cut filter for day & night function				<b>WEIGHT</b>	
<b>ANGLE OF VIEW</b>		<b>AUDIO</b>		Net 1296 g	
Horizontal	31.7° ~ 93.0°	<b>Compression</b>		<b>LED INDICATOR</b>	
Vertical	23.8° ~ 68.4°	GSM-AMR speech encoding, bit rate : 4.75 kbps to 12.2 kbps		System power and status indicator	
Diagonal	39.6° ~ 118.9°	MPEG-4 AAC audio encoding, bit rate : 16 kbps to 128 kbps		<b>POWER</b>	
<b>SHUTTER TIME</b>		G.711 audio encoding, bit rate: 64 kbps, µ-Law or A-Law mode selectable		12V DC	
1/5 sec. to 1/32,000 sec		<b>Interface</b>		24V AC	
<b>IMAGE SENSOR</b>		External microphone input		Power consumption : Max. 14.46 W (with heater & fan)	
1/2.7" progressive scan CMOS sensor in 1920x1080 resolution		Audio output		802.3af compliant Power-over-Ethernet (Class 3)	
<b>MINIMUM ILLUMINATION</b>		Supports two-way audio		<b>HOUSING</b>	
0.57 Lux @ F1.2 (1/30S)		Supports audio mute		Vandal-proof IK10-rated metal housing	
0.08 Lux @ F1.2 (1/5S)		<b>NETWORKING</b>		Weather-proof IP66-rated housing	
0.001 Lux @ F1.2 (B/W)		10/100 Mbps Ethernet, RJ-45		<b>APPROVALS</b>	
<b>VIDEO</b>		Onvif support		CE, LVD, FCC, VCCI, C-Tick	
<b>Compression</b>	H.264, MJPEG & MPEG-4	<b>Protocols</b>		<b>OPERATING ENVIRONMENT</b>	
<b>Streaming</b>	Multiple simultaneous streams	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTMP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, and 802.1X		Temperature -40°C ~ 55°C (-40°F ~ 131°F)	
	H.264 streaming over UDP, TCP, HTTP or HTTPS	<b>ALARM AND EVENT MANAGEMENT</b>		Humidity 90% RH	
	MPEG-4 streaming over UDP, TCP, HTTP or HTTPS	Triple-window video motion detection		<b>VIEWING SYSTEM REQUIREMENT</b>	
	H.264/MPEG-4 multicast streaming	Tamper detection		<b>OS</b>	
	MJPEG streaming over HTTP or HTTPS	One D/I and one D/O for external sensor and alarm		Microsoft Windows 7/Vista/XP/2000	
	Supports activity adaptive streaming for dynamic frame rate control	Event notification using HTTP, SMTP or FTP		<b>Browser</b>	
	Supports video cropping for bandwidth saving	Local recording of MP4 file		Mozilla Firefox, Internet Explorer 6.x or above	
	Supports ePTZ for data efficiency	<b>ON-BOARD STORAGE</b>		<b>Cell phone</b>	
	Supports 3GPP mobile surveillance	MicroSD/SDHC card slot		3GPP player	
<b>Frame rates</b>	H.264 : Up to 30 fps at 1920x1080	Stores snapshots and video clips		<b>Real Player</b>	
	MPEG-4 : Up to 30 fps at 1920x1080	<b>SECURITY</b>		10.5 or above	
	MJPEG : Up to 30 fps at 1920x1080	Multi-level user access with password protection		<b>Quick Time</b>	
<b>Interface</b>	Audio/Video output	IP address filtering		6.5 or above	
	NTSC/PAL video output switch	HTTPS encrypted data transmission		<b>INSTALLATION, MANAGEMENT AND MAINTENANCE</b>	
		802.1X port-based authentication for network protection		Camera angle adjustment : pan 350°, tilt 80°, rotate 350°	
				Installation Wizard 2	
				Supports firmware upgrade	
				<b>APPLICATION</b>	
				SDK available for application development and system integration	
				<b>WARRANTY</b>	
				24 months	

### YOUR POINT OF CONTACT