

FIXED DOME NETWORK CAMERA
GGM CAMF27EI



Embedded smart IR

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

Function day/night

WDR

Triple codecs
H264, MPEG4 & MJPEG

802.3af Compliant PoE

Vandal proof IK10 &
Weather-proof IP66

Smart focus system

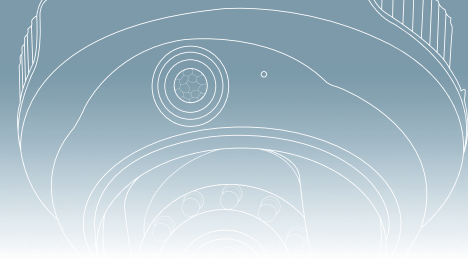
GGM CAMF27EI is a professional outdoor dome network camera, offering 2-Megapixel or 1080p Full HD resolution with superb image quality up to 25 fps. As with other true day/night models, the camera comes with a removable IR-cut filter and 15 m IR illuminators to provide great clarity 24 hours a day. It is especially suitable for monitoring wide open outdoor areas 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 has introduced the Smart Focus System including Easy Focus Button and Remote Focus to make installation and adjustment easier. The factory has adopted lenses 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.

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, while its metal vandal-proof housing effectively provides robust protection from vandalism. With other advanced features such as WDR enhanced, tamper detection, 802.3af compliant PoE, microSD/SDHC/SDXC card slot for on-board storage, video cropping, and e-PTZ functionality, the FD8363 provides the most robust solution suitable for demanding outdoor environments.

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 15 m
- Built-in smart IR to avoid overexposure
- 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
- Vandal-proof IK10-rated and weather-proof IP66-rated housing
- 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 15 m IR LED x8
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	External microphone input External line output

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 BaseTX Ethernet (RJ-45) ONVIF

INTELLIGENT VIDEO

Video Motion Detection	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, 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
Power Consumption	DC 12 V: 6.9 W PoE: 9.3 W AC 24 V: 8.5 W
Dimensions	Ø: 173 mm x 115 mm
Weight	Net: 1220 g
Casing	Vandal-proof IK10-rated metal housing Weather-proof IP66-rated housing
Certifications	CE, LVD, FCC Class A, VCCI, C-Tick, UL
Start Temperature	10°C ~ 50°C (14°F ~ 122°F)
Working Temperature	-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

WARRANTY

24 months

YOUR POINT OF CONTACT