

FIXED NETWORK CAMERA 5MP
GGM CAMF35 & GGM CAMF35P



GGM CAMF35



GGM CAMF35P



RESOLUTION
1920 X 1080



CAMERA
5 MEGAPIXELS



POE



FUNCTION
WDR

CMOS sensor

5 Mégapixels

Triple codec
H264, MPEG-4 & MJPEG

Function WDR

GGM CAMF35/CAMF35P are professional box cameras offering 5-Megapixel or 1080p Full HD resolution with superb image quality up to 30 fps. Featuring 5-Megapixel resolution and high-performance H.264/MPEG-4/MJPEG compression technology, the **GGM CAMF35/CAMF35P** offer extra-smooth video and wide coverage.

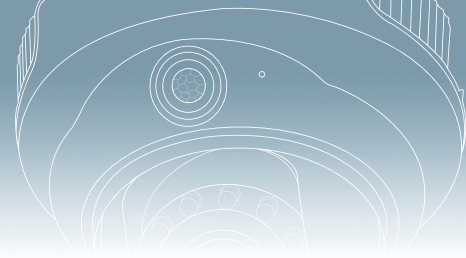
The **GGM CAMF35P** comes with a P-iris lens, which controls the iris with extreme precision with its built-in stepper motor, it maintains the iris opening at an optimal level at all times, resulting in superior image clarity and depth of field.

In addition, the **GGM CAMF35/CAMF35P** are equipped with a focus assist button to allow users to precisely adjust the camera focus. After pushing the focus assist button on the camera unit, an indicator will be displayed onscreen with detailed focus information, which will change in accordance with the manual adjustment. Moreover, continuing to push the button will zoom in on the target area for fine tuning, resulting in better usability and picture clarity.

The **GGM CAMF35/CAMF35P** can be also connected directly to an analog monitor with a BNC connector, providing integrators with more flexibility and hassle-free installation for a variety of applications.

**MAIN
FEATURES**

- 5-Megapixel CMOS Sensor
- 30 fps @ 1080p Full HD
- 2.8 ~ 12 mm Vari-focal, DC-iris Lens (CAMF35)
- 3.5 ~ 10 mm Vari-focal, P-iris Lens (CAMF35P)
- Removable IR-cut Filter for Day & Night Function
- Real-time H.264, MPEG-4, and MJPEG Compression (Triple Codec)
- WDR Enhancement for Improved Clarity in High Contrast Environments
- Built-in Focus Assist Button for Precise Focus Adjustment
- Built-in 802.3af Compliant PoE
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage



PRODUCT SPECIFICATION

SYSTEM

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

CAMERA FEATURES

Image Sensor	1/2.5" Progressive CMOS
Max. Resolution	2560x1920
Lens Type	Vari-focal, CS Mount
Focal Length	f = 2.8 ~ 12mm (CAMF35) f = 3.5 ~ 10mm (CAMF35P)
Aperture	F1.2 (wide) ~ F2.5 (tele) (CAMF35) F1.6 (wide) ~ F2.7 (tele) (CAMF35P)
Auto-iris	DC-iris (CAMF35) P-iris (CAMF35P)
Field of View	CAMF35 : 28° ~ 115° (horizontal) 21° ~ 84° (vertical) 35° ~ 150° (diagonal) CAMF35P : 33° ~ 93° (horizontal) 24° ~ 68° (vertical) 40° ~ 119° (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
Mini. Illumination	CAMF35 : 0.02 Lux @ F1.2 (Color) 0.001 Lux @ F1.2 (B/W) CAMF35P : 0.05 Lux @ F1.6 (Color) 0.001 Lux @ F1.6 (B/W)
Pan/tilt/zoom	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built-in)
On-board Storage	SD/SDHC/SDXC card slot

VIDEO

Compression	H.264, MJPEG & MPEG-4
Frame Rate	H.264 : 10 fps at 2560x1920 25 fps at 1920x1080 MPEG-4: 10 fps at 1920x1536 25 fps at 1920x1080 MJPEG: 13 fps at 2560x1920 25 fps at 1920x1080
Maximum Streams	3 simultaneous streams
S/N Ratio	> 60dB
Dynamic Range	57dB
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	5m

NETWORK

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

INTELLIGENT VIDEO

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
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	Focus assist button and OSD
Connecteurs	RJ-45 cable connector for Network/PoE connection Audio input Audio output Video output AC 24V power input DC 12V power input Digital input*1 Digital output*1 RS-485
LED Indicator	System power and status indicator

POWER

Power Input	24V AC 12V DC IEEE 802.3af PoE Class 3
Power Consumption	CAMF35 : Max. 4.87W (DC 12V) Max. 7W (AC 24V) Max. 6.8W (PoE) CAMF35P : Max. 5.2W (DC 12V) Max. 7W (AC 24V) Max 6.9W (PoE)

DIMENSIONS

218 (P) x 72 (L) x 62mm (H) (CAMF35)
217 (P) x 72 (L) x 62mm (H) (CAMF35P)

WEIGHT

Net	702g (CAMF35) (with lens) 711g (CAMF35P) (with lens)
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CERTIFICATIONS

CE, LVD, FCC Class B, VCCI, C-Tick

OPERATING TEMPERATURE

Starting Temperature	0°C ~ 50°C (32°F ~ 122°F)
Working Temperature	-10°C ~ 50°C (14°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
VLC	1.1.11 or above
QuickTime	7 or above

WARRANTY

24 months

YOUR POINT OF CONTACT

