

## FIXED DOME NETWORK CAMERA 1MP GGM CAMD31 & GGM CAMD31V



GGM CAMD31



GGM CAMD31V

1MP

RESOLUTION  
1MP



POE



COMPACT &  
DESIGN



1 Megapixel

CMOS sensor

Triple codec  
H264, MPEG-4 & MJPEG

PoE

IK10 & IP66  
(GGM CAMD31V)

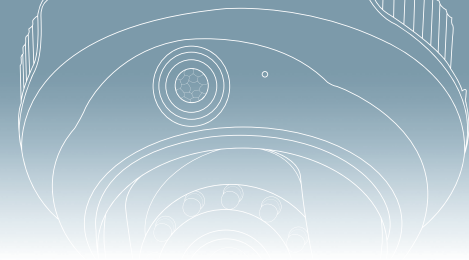
Compact design

**GGM CAMD31/31V** are easy-to-use fixed dome network cameras designed for indoor video security applications. Equipped with a 1MP sensor enabling viewing resolution of 1280x800 at 25 fps, users need to look no further for an all-in-one camera capable of capturing high quality HD video.

With the vari-focal lens, the **GGM CAMD31/31V** provide users the freedom to adjust the field of view in accordance with their applications. The IP66-rated housing of **GGM CAMD31V** protects the camera body against rain and dust and ensures operation under poor weather conditions. Furthermore, the metal vandal-proof housing effectively provides robust protection of **GGM CAMD31V** from vandalism.

### MAIN FEATURES

- 1-Megapixel CMOS Sensor
- 3 ~ 12mm Vari-focal Lens
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC Card Slot for On-board Storage
- 3-axis Mechanical Design for Ceiling and Wall Mount Installation
- Easy and Flexible Installation
- Compact, Elegant Design
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing (CAMD31V)



## PRODUCT SPECIFICATION

### SYSTEM

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

### CAMERA FEATURES

Image Sensor	1/4" Progressive CMOS
Max. Resolution	1280x800
Lens Type	Vari-focal
Focal Length	f = 3 ~ 12mm
Aperture	F1.4 (wide), F2.0 (tele) (CAMD31) F1.4 (wide), F3.2 (tele) (CAMD31V)
Field of View	CAMD31: 61.34° ~ 24.13° (horizontal) 37.56° ~ 15.08° (vertical) 72.85° ~ 28.18° (diagonal) CAMD31V: 60.06° ~ 20.26° (horizontal) 37.14° ~ 12.70° (vertical) 71.51° ~ 22.75° (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
Mini. Illumination	0.38 Lux @ F1.4, 50 IRE (CAMD31) 0.5 Lux @ F1.4, 50 IRE (CAMD31V)
Pan/tilt/zoom	ePTZ: 16x digital zoom (4x on IE plug-in, 4x built-in)
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	4 simultaneous streams
S/N Ratio	Above 53dB
Dynamic Range	47dB
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

### 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	10Base-T/100 BaseTX Ethernet (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

Connectors	RJ-45 cable connector for Network / PoE connection Digital input*1 DC 12V power input
LED Indicator	System power and status indicator

### POWER

Power Input	DC 12V IEEE 802.3af PoE Class 1
Power Consumption	Max. 3.84W

### DIMENSIONS

Ø	110 x 91mm (CAMD31) 133 x 94mm (CAMD31V)
---	---

### WEIGHT

Net	500g (CAMD31) 589g (CAMD31V)
-----	---------------------------------

### CERTIFICATIONS

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

### ENVIRONMENTAL

Storage 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
VLC	1.1.11 or above
QuickTime	7 or above

### WARRANTY

24 months

### YOUR POINT OF CONTACT