

FIXED DOME NETWORK CAMERA GGM CAMD35V



RESOLUTION
1920 X 1080



CAMERA
2-MEGAPIXEL



POE



PROTECTION
IP66



VANDAL-PROOF
IK10

2-Megapixel, Full HD
(1920 x 1080)

Dual codecs
H264 & MJPEG

802.3af Compliant PoE

IP66 & IK10

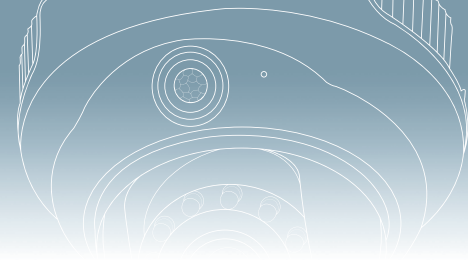
GGM CAMD35V is an easy-to-use fixed dome network camera specifically designed for indoor/outdoor security applications with a compact, stylish vandal-proof exterior. Equipped with a 2MP sensor enabling viewing resolution of 1920x1080 at a smooth 30 fps, the **GGM CAMD35V** is an all-in-one outdoor camera capable of capturing high quality and high resolution video up to 2 Megapixel.

In order to adapt to constantly changing outdoor lighting conditions, the **GGM CAMD35V** features a removable IR-cut filter as well as improved IR illuminators effective up to 15 m for superior image quality around the clock. For protection against harsh outdoor environments, the camera is encased in an IP66-rated housing to withstand dust and rain. Furthermore, the metal vandal-proof housing effectively provides robust protection from vandalism.

The **GGM CAMD35V** supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With H.264, and MJPEG compatibility both included, the dual streams can be simultaneously transmitted in any of these formats at different resolutions, frame rates, and image qualities for versatile platforms. Thereby it further optimizes bandwidth and storage efficiency.

PRODUCT FEATURES

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920x1080
- Real-time H.264, MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 15 m
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability
- Weather-proof IP66-rated Housing
- 3D Noise Reduction for Low-light Conditions



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 (2MP)
Lens Type	Fixed-focal
Focal Length	f = 2.8 mm
Aperture	F2.0
Field of View	120° (Horizontal) 68° (Vertical) 141° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
Min. Illumination	0.33 lx @ F2.0, 50 IRE (Color) 0.001 lx @ F2.0, 50 IRE (B/W)
Pan range	350°
Tilt range	60°
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
Max. Frame Rate	30 fps @ 1920x1080 In both compression modes
Max. Streams	2 simultaneous streams
S/N Ratio	Above 53 dB
Dynamic Range	54.5 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, 3D Noise Reduction

AUDIO

Audio Capability	Audio input
Compression	G.711
Interface	Built-in microphone
Effective Range	5 m

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
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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 for Network/PoE connection Digital input x1
LED Indicator	System power and status indicator

POWER

Power Input	IEEE 802.3af PoE Class 2
Power Consumption	Max. 5.1 W

DIMENSIONS

∅	152 mm x 94 mm
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WEIGHT

Net	666 g
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CASING

Weather-proof IP66-rated housing
Vandal-proof IK10-rated housing

CERTIFICATIONS

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

OPERATING TEMPERATURE

Starting T°	-10°C ~ 50°C (14°F ~ 122°F)
Working 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 7/8/9
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

WARRANTY

24 months

YOUR POINT OF CONTACT