

FIXED DOME NETWORK CAMERA 3MP IP66 & IK10 GGM CAMD30MV



3MP

RESOLUTION
3MP



POE



COMPACT &
DESIGN



3-Megapixel

CMOS sensor

Triple codec
H264, MPEG-4 & MJPEG

PoE

IK10 & IP66

GGM CAMD30MV is a professional outdoor dome network camera offering 30 fps @ 3-Megapixel or 60 fps @ 1080p resolution with superb image quality.

As a professional day/night camera, **GGM CAMD30MV** features a Smart IR technology which provides the excellent ability of anti-overexposure and noise reduction to adjust the IR lighting intensity instantly based on environmental lighting change.

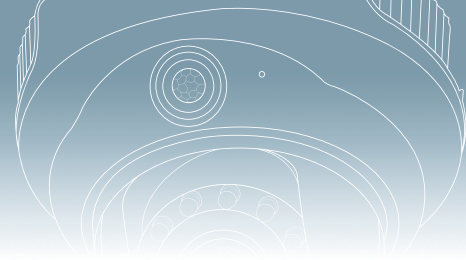
Featuring 3D Noise Reduction Technology, it enables the **GGM CAMD30MV** to capture clear, polished video under low-light conditions, which also helps to reduce bandwidth from sensor noise. By combining with WDR Enhanced technology, users can identify image details in extremely bright as well as dark environments.

The **GGM CAMD30MV** also features Smart Stream Technology, which can be used to optimize resolution on a desired object or area to maximize bandwidth usage.

The **GGM CAMD30MV** comes with a P-iris lens, which controls the iris with extreme precision with its built-in stepper motor. By using software controls, the lens maintains the iris opening at an optimal level at all times, resulting in superior sharpness and depth of field as well as image quality. For installers, properly adjusting the focus of a megapixel network camera can be difficult due to the image detail.

MAIN FEATURES

- 3-Megapixel CMOS sensor
- 30 fps @ 2048x1536 ; 60fps @ 1920x1080
- Motorized, P-iris lens & DC-iris
- Removable IR-cut filter for day & night function
- Built-in IR illuminators, effective up to 20 m
- Smart IR technology to avoid overexposure
- Smart stream optimizes bandwidth efficiency
- 3D noise reduction
- Real-time H.264, MPEG-4, and MJPEG compression (triple codec)
- WDR enhanced for unparalleled visibility in extremely bright or dark environments
- Smart focus system for remote and precise focus adjustment
- Two-way audio
- Weather-proof IP66-rated housing
- Vandal-proof IK10-rated housing
- Built-in 802.3af compliant PoE
- Built-in MicroSD/SDHC/SDXC card slot for on-board storage



PRODUCT SPECIFICATION

SYSTEM

CPU	Multimedia SoC (System-on-Chip)
Flash	256 MB
RAM	512 MB

CAMERA FEATURES

Image Sensor	1/2.8" Progressive CMOS
Max. Resolution	2048x1536
Lens Type	Vari-focal, remote focus
Focal Length	f = 3 ~ 10 mm
Aperture	F1.3 ~ F2.5
Auto-iris	P-iris / DC-iris (Reserved)
Field of View	32° ~ 99° (horizontal) 24° ~ 72° (vertical) 40° ~ 128° (diagonal) Pan: 348°, Tilt: 65°, Rotation: 350°
Shutter Time	1/5 sec. to 1/8000 sec.
WDR	WDR Enhanced
Mini. Illumination	0.33 lx @ F1.3, 50 IRE (Color @ 1/30 sec) 0.05 lx @ F1.3, 50 IRE (Color @ 1/5 sec) 0.001 lx @ F1.3 50 IRE (B/W)
Pan/tilt/zoom	ePTZ: 48x digital zoom (4x on IE plug-in, 12x built in)
IR Illuminators	Built-in IR illuminators, effective up to 20 m IR LED*4, with Smart IR Technology
On-board Storage	MicroSD/SDHC/SDXC card slot

VIDEO

Compression	H.264, MJPEG & MPEG-4
Max. Frame Rate	H.264: 30 fps at 2048x1536 60 fps at 1920x1080 MPEG-4: 30 fps at 2048x1536 50 fps at 1920x1080 MJPEG: 30 fps at 2048x1536 60 fps at 1920x1080
Max. Streams	4 simultaneous streams
S/N Ratio	58 dB
Dynamic Range	59 dB
Video Streaming	Adjustable resolution, quality and bitrate
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	Two-way Audio (full duplex)
Compression	GSM-AMR, AAC, G.711
Interface	External microphone input and output

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

Smart Focus System	Remote focal & focus control Focus assist button and OSD
Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24 V power input / DC 12 V power input Digital input*1 Digital output*1 Analog video output
LED Indicator	System power and status indicator

POWER

Power Input	24 V AC 12V DC IEEE 802.3af PoE Class 3
Power Consumption	Max. 28 W (DC 12 V) Max. 34 W (AC 24 V) Max. 12.95 W (PoE)

DIMENSIONS

Ø	173 mm x 115 mm
---	-----------------

WEIGHT

Net	1240 g
-----	--------

CASING

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

CERTIFICATIONS

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

ENVIRONMENTAL

Storage temperature -40 °C ~ 50 °C (-40 °F ~ 122 °F)
Working Temperature -50 °C ~ 50 °C (-58 °F ~ 122 °F)

SYSTEM REQUIREMENTS

Operating System	Microsoft Windows 7 / Vista / X P / 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