



**VANDAL-PROOF CAMERA 1 MEGAPIXEL**  
GGM CAMD33V & GGM CAMD34V (PoE)



- MP**  
CAMERA  
1 MEGAPIXEL
- HD**  
RESOLUTION  
1280 X 800
- IP66**  
PROTECTION  
IP66
- CAMERA  
VANDAL-PROOF
- COMPACT &  
DESIGN



**3G Access**

\*Please confirm compatibility before ordering

- 1 Megapixel
- 1280 X 800 Resolution
- ONVIF
- IP66
- H264, MJPEG & MPEG4 compression
- Compact and Attractive ID Design
- Day / Night function (GGM CAMD34V)
- PoE 802.3af (GGM CAMD34V)
- Vandal-proof



**COMPACT & DESIGN**

**GIGAMEDIA CAMD33V (Wired) / CAMD34V (PoE)** 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 1MP sensor enabling viewing resolution of 1280x800 at 30 fps, users need look no further for an all-in-one camera capable of capturing high quality, high resolution video.

The **CAMD33V/34V** supports the industry-standard H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. With MPEG-4 and MJPEG compatibility also included, video streams can also be transmitted in any of these formats for versatile applications. The streams can also be individually configured to meet different constraints, thereby further reducing bandwidth and storage requirements. Users can thus receive multiple streams simultaneously in different resolutions, frame rates, and image qualities for viewing on different platforms.

Its IP66-rated housing 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 from vandalism.

Also included are a number of advanced features standard on VIVOTEK cameras, including tamper detection, MicroSD/SDHC card slot, 802.3af compliant PoE (**CAMD34V**), removable IR-cut filter and built-in IR illuminators, and VIVOTEK's 32-channel recording software. With all of these capabilities, the **CAMD33V/34V** presents the best value in IP surveillance for indoor/outdoor applications.

**MAIN FEATURES**

- Easy and Flexible Installation
- Vandal-proof and Weather-proof IP66-rated Housing
- Compact and Attractive ID Design
- 1/4" CMOS Sensor in 1280 X 800 Resolution
- Removable IR-cut Filter for Day and Night Function (**CAMD34V**)
- Built-in IR Illuminators, Effective up to 10 Meters (**CAMD34V**)
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Simultaneous Multiple Streams
- Activity Adaptive Streaming for Dynamic Frame Rate Control
- Tamper Detection for Unauthorized Changes
- Built-in 802.3af Compliant PoE (**CAMD34V**)
- Built-in MicroSD/SDHC Card Slot for On-board Storage
- 3-axis Mechanical Design for Ceiling and Wall Mount Installation
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability



## PRODUCT SPECIFICATIONS

### MODELS

CAMD33V	Wired
CAMD34V	PoE

### SYSTEM

CPU	TI DM365 SoC
Flash	128MB
RAM	256MB
Embedded OS	Linux 2.6

### LENS

Board lens, Fixed, f = 3.6 mm, F1.8  
Removable IR-cut filter for day & night function (CAMD34)

### ANGLE OF VIEW

Horizontal	56°
Vertical	41°

### SHUTTER TIME

1/5 sec. to 1/25,000 sec.

### IMAGE SENSOR

1/4" CMOS sensor in 1280x800 resolution

### MINIMUM ILLUMINATION

CAMD33V	0.3 Lux @ F1.8
CAMD34V	0 Lux @ F1.8 (IR LED on)

### IR ILLUMINATOR

Built-in IR illuminators, effective up to 10m  
IR LED\*8 (850nm)

### VIDEO

Compression	H.264, MJPEG & MPEG-4
Streaming	Simultaneous multi-streaming H.264 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 streaming over UDP, TCP, HTTP or HTTPS MPEG-4 multicast streaming MJPEG streaming over HTTP or HTTPS Supports activity adaptive streaming for dynamic frame rate control Supports 3GPP mobile surveillance
Frame rates	H.264: Up to 30/25 fps at 1280x800 MPEG-4: Up to 30/25 fps at 1280x800 MJPEG: Up to 30/25 fps at 1280x800

### IMAGE SETTING

Adjustable image size, quality and bit rate  
Time stamp and text caption overlay  
Flip & mirror  
Configurable brightness, contrast, saturation, sharpness, white balance and exposure  
AGC, AWB, AES  
Automatic, manual or scheduled day/night mode (CAMD34V)  
BLC (Backlight Compensation)  
Supports privacy masks

### NETWORKING

10/100 Mbps Ethernet, RJ-45  
ONVIF Support  
**Protocols**  
IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1X

### ALARM & MANAGEMENT

Triple-window video motion detection  
Tamper detection  
One D/I for external sensor  
Event notification using HTTP, SMTP or FTP  
Local recording of MP4 file

### ON-BOARD STORAGE

MicroSD/SDHC card slot  
Stores snapshots and video clips

### SECURITY

Multi-level user access with password protection  
IP address filtering  
HTTPS encrypted data transmission  
802.1X port-based authentication for network protection

### USERS

Live viewing for up to 10 clients

### DIMENSION

Ø 110 mm x 91 mm

### LED INDICATOR

System power and status indicator  
System activity and network link indicator

### POWER

12V DC  
Power consumption Max. 3.5 W (CAMD33V)  
Max. 4.5 W (CAMD34V)  
802.3af compliant Power-over-Ethernet (Class 2) (CAMD34V)

### APPROVALS

CE, LVD, FCC, VCCI, C-TICK

### OPERATING ENVIRONNEMENTS

Temperature 0 ~ 50°C (32 ~ 122°F)  
Humidity 90% RH

### VIEWING AND SYSTEM REQUIREMENTS

**OS** Microsoft Windows 7/Vista/XP/2000  
**Browser** Mozilla Firefox, Internet Explorer 6.x or above  
**Cell phone** 3GPP player  
**Real Player** 10.5 or above  
**Quick Time** 6.5 or above

### INSTALLATION MANAGEMENT & MAINTENANCE

3-axis mechanism for flexible ceiling and wall mount installation  
**Angle adjustment** Pan 350°, Tilt 85°, Rotate 350°  
Installation Wizard 2  
GGM SOFTIPxx (ask us)  
GGM NVRxxx (ask us)  
Aimetis (ask us)  
Supports firmware upgrade  
SDK available for application development and system integration

### WARRANTY

12 months



GGM CAMD33V

GGM CAMD34V

PoE 802.3 af	NO	YES
Infrared up to 10m	NO	YES

### YOUR POINT OF CONTACT