

GGM CAMF22

GGM CAMF22



The **GGM CAMF22** is a full-featured 3-axis fixed dome network camera designed for indoor surveillance. It comes with a wide-angle, vari-focal lens, allowing a wide open view for maximum coverage. With the sophisticated 3-axis mechanical and industrial design, it offers very flexible and simple hardware installation for either ceiling or wall mounting. To prevent false alarms, it is also equipped with a PIR (Passive Infrared) sensor, which can detect motion caused by temperature changes in the infrared range emitted by surrounding objects.

When the environment lacks a sufficient light source, the built-in white-light illuminators will be activated automatically (or manually) so as to provide additional lighting without the need for additional equipment. Embedded with VIVOTEK's VVTK-1000 SoC, the camera simultaneously delivers dualstreams with different resolutions - up to 30fps VGA- and video qualities on separate multimedia devices for real-time viewing.

Additionally, by offering advanced features such as 3GPP mobile surveillance, built-in 802.3af compliant PoE, two-way audio, and many more, the **GGM CAMF22** allows users to build a powerful, cost-effective IP surveillance system for various indoor applications with ease.

PRODUCT ASSETS



Wide Angle Vari-focal Lens



Built-in PIR Sensor for Human Detection

3GPP

3GPP Mobile Surveillance



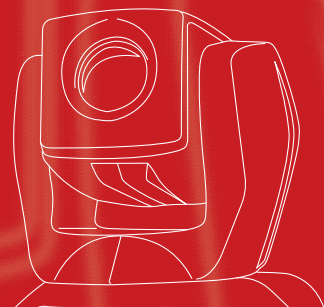
Built-in 802.3af Compliant PoE

**MJPEG
MPEG-4**

Real-time MPEG-4 and MJPEG Compression (Dual Codec)

PRODUCTS FEATURES

- Wide vari-focal Lens
- VGA Résolution
- 802.3 af compliant (PoE)
- PiR Sensor
- 1x DI/DO
- Dual codec MJPEG/MPEG-4 simultaneously
- 3-axis Mechanical Design for Ceiling/Wall Mount installation
- Built-in White-light Illuminators



PRODUCT SPECIFICATION

GGM CAMF22

SYSTEM

CPU VVTK-1000 SoC
Flash : 8MB
RAM : 64MB
OS embarqué Linux 2.4

LENS

Board lens, vari-focal, $f = 2 \sim 4$ mm, F1.4 (wide), F1.8 (tele), focus range: 50 cm to infinity

ANGLE OF VIEW

Horizontal $53.2^\circ \sim 105.1^\circ$
Vertical $39.8^\circ \sim 77.4^\circ$

SHUTTER TIME

1/5 sec. to 1/15,000 sec

IMAGE SENSOR

1/4" CMOS sensor in VGA resolution

MINIMUM ILLUMINATION

1.5 Lux / F1.4

VIDEO

Compression MJPEG & MPEG-4
Streaming Simultaneous dual streams
MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
MPEG-4 multicast streaming
MJPEG streaming over HTTP or HTTPS
Supports 3GPP mobile surveillance
Frame rates MPEG-4: Up to 30/25 fps at 640x480
MJPEG: Up to 30/25 fps at 640x480

IMAGE SETTINGS

Adjustable image size, quality and bit rate
Time stamp and text caption overlay
Flip & mirror
Configurable brightness, contrast, saturation, sharpness and white balance
AGC, AWB, AES
Supports privacy masks

AUDIO

Compression GSM-AMR speech encoding, bit rate :
4.75 kbps to 12.2 kbps
MPEG-4 AAC audio encoding, bit rate :
16 kbps to 128 kbps
Interface Built-in microphone
External microphone input
Audio output
External/Internal microphone switch
Supports two-way audio via SIP protocol
Supports audio mute

NETWORKING

10/100 Mbps Ethernet, RJ-45
Protocols IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/
RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS,
DDNS and PPPoE

ALARM AND EVENT MANAGEMENT

Triple-window video motion detection
One D/I and one D/O for external sensor and alarm
PIR (Passive Infrared Sensor) for human detection
White-light illuminators for low light condition when event triggered
Event notification using HTTP, SMTP or FTP

SECURITY

Multi-level user access with password protection
IP address filtering
HTTPS encrypted data transmission

USERS

Live viewing for up to 10 clients

DIMENSIONS

Ø 143 mm x 106 mm

WEIGHT

Net 575,5g

LED INDICATOR

System power and status indicator
System activity and network link indicator

POWER

12V DC
Power consumption: Max. 3.6 W
802.3af compliant Power-over-Ethernet

APPROVALS

CE, LVD, FCC, VCCI, C-Tick

OPERATING ENVIRONMENTS

Temperature $0 \sim 50^\circ\text{C}$ ($32 \sim 122^\circ\text{F}$)
Humidity 20% ~ 80% RH

VIEWING SYSTEM REQUIREMENTS

OS Microsoft Windows 2000/XP/Vista
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 AND MAINTENANCE

3-axis mechanism for flexible ceiling and wall mount installation
Installation Wizard 2
Supports firmware upgrade

COMPATIBILITY

GGM NVR4250G, GGM NVR8500G, GGM NVR16CAM, GGM NVR20CAM, GGM NVR40CAM
GGM SOFTIPxx
Logiciel Aimetis

APPLICATION

SDK available for application development and system integration

WARRANTY

24 months

VOTRE INTERLOCUTEUR CONSEIL

