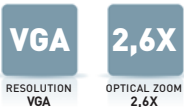


CAMERA 2.6X ZOOM INDOOR DUAL STREAMS GGM CAMWP11



1/4" CMOS sensor

Optical zoom 2,6x

Dual codec
MJPEG & MPEG4

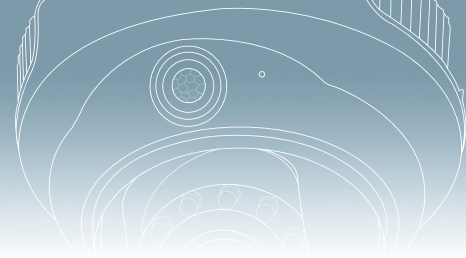
802.11b/g WLAN

GGM CAMWP11 equipped with a pan-focus 2.6x optical zoom lens, is a cost-effective pan/tilt/zoom network camera for indoor surveillance applications such as retail stores. It houses a 2.6x motorized pan-focus zoom module, which can easily zoom in and out to view near or distant objects. With a 350° horizontal and 125° vertical range of capture, it effectively gives users a wide, bird's-eye view of any area.

The **GGM CAMWP11** can simultaneously deliver dual video streams for real-time monitoring in either MJPEG or MPEG-4 format with different resolutions.

PRODUCT FEATURES

- 1/4" CMOS sensor in VGA Resolution
- 2.6x Pan-focus Zoom Lens
- Motorized Wide-range Pan/Tilt (Pan: -175° ~ +175°; Tilt: -35° ~ +90°)
- Real-time MPEG-4 and MJPEG Compression (Dual Codec)
- Dual Streams Simultaneously
- 3GPP Mobile Surveillance
- Built-in 802.11b/g WLAN
- Two-way Audio via SIP Protocol
- Built-in/External Microphone Switch
- Digital I/O for External Sensor and Alarm
- Free-bundled 16-CH Recording Software



PRODUCT SPECIFICATION

SYSTEM

CPU	WTK-1000SoC
Flash	8 MB
RAM	64 MB
Embedded OS	Linux 2.4

PAN / TILT / ZOOM

Pan range	350° (-175° ~ +175°)
Tilt range	125° (-35° ~ +90°)
	2.6x optical zoom
	Auto pan mode
	Auto patrol mode

LENS

Board lens, 2.6x optical zoom, f=2.8 ~ 7.3mm, F1.9, auto-iris, focus range: 0.75 mm to infinity

ANGLE OF VIEW

Horizontal	28.7° ~ 73.4°
Vertical	21.6° ~ 54.7°
Diagonal	35.8° ~ 92.2°

SHUTTER TIME

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

IMAGE SENSOR

1/4" CMOS sensor in VGA resolution

MINIMUM ILLUMINATION

1.25 Lux / F1.9

VIDEO

Compression	MPEG4 & MJPEG
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
BLC (Backlight Compensation)

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 Built-in 802.11b/g WLAN
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 for motion detection
One D/I and one D/O for external sensor and alarm
Event notification using HTTP, SMTP or FTP
Local recording of MP4 file

SECURITY

	Multi-level user access with password protection IP address filtering
Wireless	WEP, WPA-PSK, WPA2 HTTPS encrypted data transmission

USERS

Live viewing for up to 10 clients

DIMENSIONS

Ø 105 mm x 118mm

WEIGHT

371g

LED INDICATOR

System power and status indicator
System activity and network link indicator

POWER

12V DC
Power consumption : Max. 12 W

APPROVALS

CE, LVD, FCC, VCCI, C-TICK

OPERATING ENVIRONMENTS

Temperature	0 ~ 50 °C (32 ~ 122 °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 & MAINTENANCE

Installation Wizard 2
16-CH recording software
Supports firmware upgrade

APPLICATION

SDK available for application development and system integration

WARRANTY

24 months

YOUR POINT OF CONTACT