

IP CAMERA H264 WITH 10X OPTICAL ZOOM GGM CAMWP13VH



10X

OPTICAL
ZOOM

CCD

SENSOR
CCD

4CIF

RESOLUTION
704 X 576

H264

COMPRESSION
H264

Optical zoom 10x

802.11b/g/n WLAN

CCD sensor

Triple codec
MPEG-4 / MJPEG & H264

704 x 576 resolution
(4CIF) at 25 ips

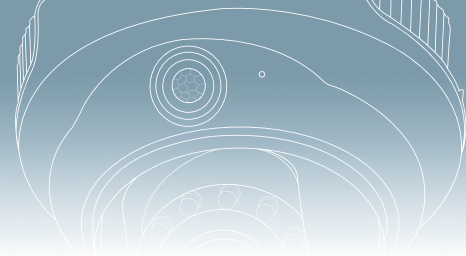
The **GGM CAMWP13VH** (WLAN) is a high-performance network camera featuring 10x optical zoom and pan/tilt functionality. The camera is designed for indoor surveillance applications such as retail stores, offices or banks.

The built-in 10x motorized optical zoom module provides greater depth of field when zoomed in. Therefore, it can display clear-cut images on near or distant objects. With flexible 300-degree pan and 135-degree tilt, The **GGM CAMWP13VH** can give users more comprehensive control over the monitored site. The **GGM CAMWP13VH** is incorporated with GIGAMEDIA's self-developed Bach SoC, giving users the advantages of dual-codec (MPEG-4 and MJPEG), dual streams and twoway audio by SIP protocol. With support of dual streams, it simultaneously delivers dual video streams with different resolutions, frame size and image quality to different platforms such as web browser or 3G cell phones.

In addition, **GGM CAMWP13VH** is integrated with Power over Ethernet function while **GGM CAMWP13VH** with wireless connection, making installation easier and more cost-efficient.

PRODUCT FEATURES

- 10x Optical Zoom Lens
- Motorized Pan/Tilt (Pan: -150° ~ +150°; Tilt: -45° ~ +90°)
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Multiple Simultaneous Streams
- 3GPP Mobile Surveillance
- Built-in 802.11b/g/n WLAN
- Two-way Audio
- Built-in/External Microphone Switch

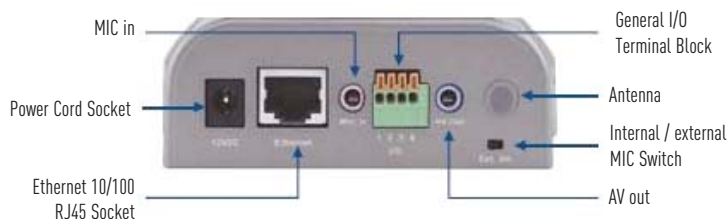


PRODUCT SPECIFICATION

SYSTEM	
CPU	Multimedia SoC
Flash	128MB
RAM	128MB
Embedded OS	Linux 2.6
PAN TILT ZOOM	
Pan range	300° (-150° ~ +150°)
Tilt range	135° (-45° ~ +90°)
	10x optical zoom, 10x digital zoom
	Auto pan mode
	Manual patrol mode (128 preselected positions)
LENS	
	10x optical zoom lens, f=4.2 ~ 42 mm, F1.8 (wide), F2.9 (tele), auto iris, auto focus
ANGLE OF VIEW	
Horizontal	4.15° ~ 48.93°
Vertical	2.77° ~ 33.75°
SHUTTER TIME	
	1/50 sec. to 1/10,000 sec
MINIMUM ILLUMINATION	
	2.76 Lux @ F1.8 (typical)
	0.05 Lux @ F1.8 (low light mode)
VIDEO	
Compression	H.264, MJPEG & MPEG-4
Streaming	Multiple simultaneous streams
	H.264 streaming over UDP, TCP, HTTP or HTTPS
	MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
	H.264/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 720x480/720x576
	MPEG-4: Up to 30/25 fps at 720x480/720x576
	MJPEG: Up to 30/25 fps at 720x480/720x576
Interface	AV output

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)
	Supports privacy masks
AUDIO	
Compression	GSM-AMR speech encoding, bit rate 4.75kbps 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/n WLAN
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 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 files
SECURITY	
	Multi-level user access with password protection
	IP address filtering
Wireless	WEP, WPA-PSK, WPA2
	HTTPS encrypted data transmission
USERS	
	Camera live viewing for up to 10 clients

DIMENSIONS	
	Ø 105 mm x 124 mm
WEIGHT	
Net	408 g
LED INDICATOR	
	System power and status indicator
	System activity and network link indicator
POWER	
	12V DC
	Power consumption : 12 W
APPROVALS	
	CE, LVD, FCC, VCCI, C-Tick
OPERATING ENVIRONMENT	
Temperature	0 ~ 50 °C (32 ~ 122 °F)
Humidity	20% ~ 80% RH
VIEWING SYSTEM REQUIREMENT	
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	
	Installation Wizard 2
	Supports firmware upgrade
APPLICATION	
	SDK available for application development and system integration
WARRANTY	
	24 months



VOTRE INTERLOCUTEUR CONSEIL

