

GIGAMEDIA

PROFESSIONNEL

IP DOME 360° D1 RESOLUTION OPTICAL ZOOM 12X



GGM CAMP20V



GIGAMEDIA **GGM CAMP20V**, equipped with a 12x optical zoom lens, is a high performance day/night speed dome network camera geared for professional surveillance applications, representing another significant addition to GIGAMEDIA's high-end H.264 network camera portfolio. Adopting a 12x optical zoom lens and utilizing SONY's EXView CCD sensor, this network camera allows for not only close-up images with exceptional detail from a faraway distances, but also crystal-clear, razor-sharp video of fast-moving objects without jagged edges. With a sophisticated pan/tilt mechanism, it provides fast, precise movement with endless 360-degree pan and 90-degree tilt. The user can easily control the lens position via mouse or joystick to track the object of interest and set up to 128 preset positions for patrolling. The day and night functionality also makes the **GGM CAMP20V** ideal for operating under diverse lighting conditions. When lighting conditions turn poor, the IR-cut filter will automatically disengage to accept IR illumination and improve image quality.

PRODUCT



Private masking

ZOOM
12

12x Zoom Lens



Day & Night with IR

H264

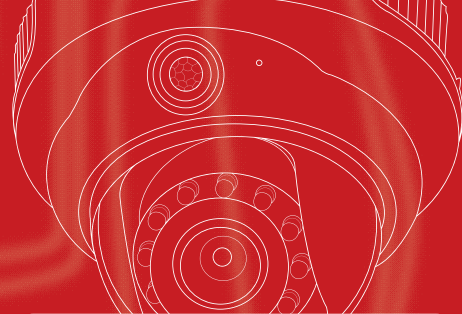
Compression H264

FEATURES

- SONY EXview HAD CCD Sensor in D1 Resolution
- 12x Zoom Lens
- 360° Continuous Pan and 190° Tilt
- Removable IR-cut Filter for Day & Night Functionality
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Simultaneous Multiple Streams
- 3D Noise Reduction for Clear Night time Images
- Activity Adaptive Streaming for Dynamic Frame Rate Control
- 3GPP Mobile Surveillance
- Two-way Audio via SIP Protocol
- Built-in SD/SDHC Card Slot for On-board Storage
- Supports ONVIF Standard to Simplify Integration and Enhance Interoperability

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SPECIFICATIONS

GGM CAMP20V

SYSTEM

CPU	TI DM365 SoC
Flash	128MB
RAM	128GB
Embedded OS	Linux 2.4

PAN / TILT / ZOOM

Pan range	360° continuous rotation
Tilt range	-10° ~ 190° flip 12x optical zoom
Pan speed	0.1° ~ 300°/sec
Tilt speed	0.1° ~ 120°/sec Auto pan mode Auto patrol mode

LENS

12x optical zoom lens, f = 3.8 ~ 45.6 mm, F1.6 (wide), F2.8 (tele), auto-iris, focus range: 20 mm(wide), 3,000 mm (tele) to infinity
Removable IR-cut filter for day & night function

ANGLE OF VIEW

1.7° ~ 55.8° (horizontal)

SHUTTER TIME

1 / 1.5 sec to 1 / 30 000 sec

IMAGE SENSOR

SONY 1/4" EXview HAD CCD sensor in D1 resolution

MINIMUM ILLUMINATION

0.1 Lux / F1.6 (Color)
0.01 Lux / F1.6 (B/W)

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 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	MPEG-4 : Up to 30/25 fps at 720 x 576 H.264 : Up to 30/25 fps at 720 x 576 MJPEG : Up to 30/25 fps at 720 x 576

IMAGE SETTINGS

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
BLC
Backlight Compensation
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 G.711 audio encoding, bit rate: 64 kbps, μ Law, or A-Law mode selectable
Interface	External microphone input Audio output Supports two-way audio via SIP protocol Supports audio mute

NETWORKING

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

Triple-window video motion detection
Four D/I and one D/O for external sensor and alarm
Event notification using HTTP, SMTP, or FTP
Local recording of MP4 file

ON-BOARD STORAGE

SD/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

DIMENSIONS

Ø 131 mm x 200 mm

WEIGHT

Net 1,500 g

POWER

12V DC

APPROVALS

CE, LVD, FCC, VCCI, C-Tick

OPERATING ENVIRONNEMENTS

Temperature	0 ~ 40°C (34 ~ 104°F)
Humidity	90% RH

VIEWING 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

SOFTWARE AND FIRMWARE

Installation, Management & maintenance
Installation Wizard 2
Supports firmware upgrade
SDK available for application development and system integration

ACCESSORIES

GGM SOFTIPxx	Compatibility please contact us
GGM NVRxxx	Compatibility please contact us
Aimetis	Compatibility please contact us

WARRANTY

2 years

VOTRE INTERLOCUTEUR CONSEIL

