



SPEED DOME NETWORK CAMERA GGM CAMP24H



1/4" Progressive CCD

Resolution 720x576 (D1)

Triple codec
H264, MPEG-4 & MJPEG

Day / Night function

Weather-proof IP66

WDR

x18 Zoom

Adopting a 18x optical zoom lens, the **GGM CAMP24H** is able to capture details at top-notch quality. The IP66 and NEMA 4X-rated housing protects the camera body against rain, dust, and corrosion within a wide temperature range of between -40 °C to 55 °C. This feature ensures operation under extreme weather conditions and hazardous environments. It is especially suitable for monitoring wide open indoor/outdoor spaces such as airports, highways and parking lots where high-level reliability and precision are always required.

The **GGM CAMP24H** supports high-performance H.264/MPEG-4/MJPEG compression technology and offers extra smooth video quality with resolution up to 25 fps @ D1. Boasting WDR Pro Technology, the **GGM CAMP24H** can also cope with challenging lighting conditions and generate image quality close to the capabilities of the human eye. With a sophisticated pan/tilt mechanism, the camera provides fast, precise movement with continuous 360-degree pan and 220-degree tilt. Users can also easily control the lens position via a mouse or a joystick to track the object of interest and set up to 256 preset positions for patrolling. With the built-in auto tracking feature, the **GGM CAMP24H** provides instantaneous reaction to suspicious moving objects in wide area locations before operators are aware of activity.

As with all GIGAMEDIA true day/night cameras, the **GGM CAMP24H** features a removable IR-cut filter, maintaining clear images 24 hours a day. With audio detection, by recognizing increases or decreases in sound volume, an additional layer of intrusion detection is ensured. With other advanced features such as SD/SDHC/SDXC card slot, 802.3at compliant PoE Plus and 25 fps high quality video, the **GGM CAMP24H** is the best choice for the most demanding outdoor surveillance applications.

PRODUCT FEATURES

- D1 SONY Exview HAD CCD Sensor
- 25 fps @ D1
- 18x Zoom Lens
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 220° Tilt
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Weather-proof IP66-rated and NEMA4X Housing
- -40 °C to 55 °C Wide Temperature Range for Extreme Weather Conditions
- Audio Detection for Instant Alerts
- Auto tracking for Moving Objects
- Built-in 802.3at Compliant PoE Plus
- 3D Privacy Masks for Additional Protection
- Built-in SD/SDHC/SDXC Card Slot for On-board Storage



PRODUCT SPECIFICATION

SYSTEM

CPU	Multimedia SoC (System-on-Chip)
Flash	128 MB
RAM	256 MB

CAMERA FEATURES

Image Sensor	1/4" Progressive CCD
Max. Resolution	720x576 / PAL
Lens Type	18x optical zoom, auto focus
Focal Length	f = 4.1 ~ 73.8 mm
Aperture	F1.4 ~ F3.0
Auto-iris	DC-iris
Field of View	3° ~ 48° (Horizontal) 2° ~ 37° (Vertical) 4° ~ 58° (Diagonal)
Shutter Time	1 sec. to 1/10,000 sec.
WDR technology	WDR Pro
Mini. Illumination	0.01 lx @ F1.4, 50 IRE (Color) 0.001 lx @ F1.4, 50 IRE (B/W)
Pan Speed	0.05° ~ 450° / sec
Pan Range	360 endless
Tilt Speed	0.05° ~ 450° / sec
Tilt Range	220° (-110° ~ +110°)
Preset Locations	256 preset locations
Pan/tilt/zoom	48x digital zoom (4x on IE plug-in, 12x built-in) Auto pan mode Auto patrol mode
On-board Storage	SD/SDHC/SDXC card slot

VIDEO

Compression	H.264, MJPEG & MPEG-4
Max. Frame Rate	25 fps @ 720x576 In all compression modes
Max. Streams	4 simultaneous streams
S/N Ratio	Above 48 dB
Dynamic Range	72 dB
Video Streaming	Adjustable resolution, quality and bitrate
Image Settings	Adjustable image size, quality and bit rate Time stamp, text overlay, flip & mirror Configurable brightness, contrast, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (Up to 24) Scheduled profile settings

AUDIO

Audio Capability	Two-way Audio (full duplex)
Compression	GSM-AMR, AAC, G.711, G.726
Interface	External microphone input External line output

NETWORK

Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X 10Base-T/100 BaseTX Ethernet (RJ-45)
Interface	ONVIF

INTELLIGENT VIDEO

Triple-window video motion detection
Auto-tracking on moving object

ALARM AND EVENT

Alarm Triggers	Video motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server

GENERAL

Connectors	RJ-45 cable connector for Network/PoE connection Audio input Audio output AC 24V power input Digital input x4 Digital output x2 RS-485 for PTZ control (PelcoD protocol, Baud rate 2400)
LED Indicator	System power and status indicator

POWER

Power Input	PoE Plus (IEEE 802.3at compliant) High Power PoE AC 24 V
Power Consumption	PoE Plus: 19 W max AC 24 V: 48 W max (heater on) & 19 W (heater off) max High Power PoE: 48 W max (heater on) & 19 W max (heater off)

DIMENSIONS

Ø	205 x 321 mm
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WEIGHT

Net	3,660 g
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CASING

Weather-proof IP66 & NEMA 4X-rated housing

CERTIFICATIONS

CE, FCC Class A, VCCI, C-tick, NEMA 4X

ENVIRONMENTAL

-5 °C to 55 °C (PoE Plus)
-40 °C to 55 °C (AC 24 V)
-40 °C to 55 °C (High Power PoE)

SYSTEM REQUIREMENTS

Operating System	Microsoft Windows 7/Vista/XP/2000
Web Browser	Mozilla Firefox 7-10 (streaming only) Internet Explorer 7.x or 8.x
VLC	1.1.11 or above
QuickTime	7 or above

WARRANTY

24 months

ACCESSORIES

GGM CAMFLAPP21	Recessed kit
GGM CAMTUB20V2	20 cm pendant pipe
GGM CAMTUB40V2	40 cm pendant pipe
GGM CAMFIXIN	Indoor pendant head
GGM CAMPARAP	Parapet mounting kit
GGM CAMPOTEAU	Pole mount adaptor
GGM CAMANGLE	Corner mount adaptor
GGM CAMBZIP	Junction box
GGM CAMTETE	Outdoor pendant head
GGM CAMDOMEALIM	PoE plus injector
GGM CAMP21ALHPOE	High power PoE injector
GGM CAMCOVER	Smoked cover
GGM CAMCOVIK10	Vandal-proof transparent cover
GGM CAMIO	Combo cable

* You should propose to the user to take this part number GGM CAMIO plus GGM CAMDOMEALIM if he need to connect the Camera IP Speed dome through the electrical power.
He don't need it if he want to use the PoE solution. But in case of he wants to use the Digital Output / Input he needs to use also the GGM CAMIO

YOUR POINT OF CONTACT

