

# VMGB-608

4MP Face Recognition Outdoor Zoom Dome with D/N, Adaptive IR, Extreme WDR, SLLS, 4.3x Zoom Lens



- Face Recognition
- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Extreme WDR
- Super wide angle
- Event trigger, response and notification

## ► Specifications

### Device

Product Type	Zoom Dome
Maximum Resolution	4MP
Product Application	Face Recognition
Application Environment	Outdoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Day / Night	Yes
Low Light Sensitivity	Superior
Minimum Illumination	Color: 0.0005 lux at F1.2 (AGC on); B/W: 0.0001 lux at F1.2 (AGC on); B/W: 0 lux (IR LED on)
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED (850 nm)
IR Working Distance	40m
Electronic Shutter	1-1/100000 second (auto mode)

### Lens

Focal Length	Zoom, f2.8-12mm
Aperture	F1.2-F2.5

Zoom Ratio	4.3x optical zoom
Iris	P-Iris
Focus	Auto focus
Horizontal Viewing Angle	107.4° - 39.8°
Vertical Viewing Angle	56° - 22.4°
Viewing Angle Adjustment	Pan: 0°-355°, Tilt: 0°-75°, Rotation: 0°-355°

## Video

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	60 fps at 2560 x 1440 60 fps at 1920 x 1080 60 fps at 1280 x 720 30 fps at 704 x 480 30 fps at 640 x 480
Multi-Streaming	Simultaneous 5 streams
Wide Dynamic Range	Extreme WDR (140 dB)
Image Enhancement	White Balance, Saturation, Brightness, Contrast, Sharpness, Automatic gain control, Backlight compensation (BLC), Defogging, Digital Image Stabilizer (DIS, EIS)
Digital Noise Reduction	3D DNR
Privacy Mask	Yes
Built-in Analytics	Face Detection, People Detection, Vehicle Detection, Tampering Detection, People Line Crossing Detection, People Enter Area Detection, People Exit Area Detection, People Intrusion Detection, Vehicle Line Crossing Detection, Vehicle Enter Area Detection, Vehicle Exit Area Detection, Vehicle Intrusion Detection, Face Recognition, Shock Detection

## Audio

Audio Type	2-way, Built-in Microphone, Built-in Speaker, Line-in, Line-out
Audio Compression	G.711, G.722.1, G.726, PCM, MP2L2, AAC, MP3

## Network

Network Protocol & Service	IPv4/v6, TCP, UDP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, SFTP, IGMP, ICMP, ARP, UPnP, Bonjour, QoS, SNMP, TLS 1.2, IEEE 802.1X
Ethernet Port	1 x Ethernet (10/100/1000 Base-T), RJ-45 connector
Security	IP address filtering, HTTPS encryption, Password protected user level, IEEE 802.1X network access control

## Video Analytics

Maximum detectable number of face or person	30 faces per frame (Recommendation)
Face Rotation	±60° (horizontal), ±30° (vertical)

## Event

Event Trigger	Video motion detection, External device through digital input, Sound detection, Intelligent event detection, Disk full, Disk not found
Event Response	Send E-mail Notification, Save video to local storage, Upload snapshot to FTP server, Activate external device through digital output

## System

Language	Multi-Language, English, Traditional Chinese
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**Integration**

ONVIF Compliant	Yes, Profile S, Profile G, Profile T
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**Storage**

User Database	Face Picture Capacity: 150,000
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**Interface**

Serial Port	1 x RS-485
Audio Interface	Built-in microphone, 1/1, 3.5mm Phone Jack
Analog Video Output	1 x CVBS, Composite output, for installation only
Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (bundled 64GB SD card; support for up to 256GB)
Digital Input/Output	2/2
Operating Button	Reset Button



**General**

Power Source	DC 12V, AC 24V, PoE Class 4 (IEEE802.3at)
Power Consumption	11.43 W (DC), 10.67 W (AC), 11.92 W (PoE)
Dimensions	(Ø x H): 144.3mm x 114.1mm (5.7" x 4.5")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Real-time Clock (RTC)	Yes
Warranty	3 Year(s). For extended warranty offering, see <a href="http://www.acti.com/support/warranty">http://www.acti.com/support/warranty</a>

**▶ Related Products****Bullet - Zoom Bullet**

VMGB-410	 2MP ALPR Metadata Camera with 4.3x Zoom lens, f2.8-12mm/F1.2-2.5 (HOV:114.5°-41.8°), P-Iris, H.265/H.264, 3D DNR, MicroSD/MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10 (metal casing), DI/DO, Built-in Analytics
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**Metadata Generator Device - Metadata Camera**

VMGB-370	 4MP Metadata Camera with Day/Night, IR LED, Built-in Human Temperature Detection
VMGB-400	 2MP ALPR Metadata Camera with D/N, IR, Extreme WDR, SLLS, 4.3x Zoom lens, f2.8-12mm/F1.2-2.5 (HOV:103.3°-38.6°), H.265/H.264, 3D DNR, MicroSDHC/MicroSDXC, PoE/DC12V, IP67, IK10 (metal casing), DI/DO, RS-485, Built-in Analytics. Supported Territory: Taiwan.

### Power Supply Accessories - Power Adapter

PPBX-0015



Power Adapter AC 100~240V (12V/2A Output), with universal connectors for R21CF-xx

### Power Supply Accessories - PoE Injector

PPOE-0101



High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for A416, A418, B913, B923, B934, Q450, Q75, VMGB-400, VMGB-603, VMGB-604, Z36, Z37, Z71, Z710, Z952)

PPOE-0106



High PoE Injector IEEE 802.3at compliant, AC 100~240V, with universal connectors (for A416, A418, B913, B923, B934, Q450, Q75, VMGB-60X, Z37, Z71, Z952)