

VMGB-605

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



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

► Specifications

Device

| | |
|--------------------------|--|
| Product Type | Zoom Dome |
| Maximum Resolution | 4MP |
| Product Application | Face Recognition |
| Application Environment | Indoor |
| 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 | 50m |
| Electronic Shutter | 1-1/100000 second (auto mode) |

Lens

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|--------------|-----------------|
| Focal Length | Zoom, f8.0-32mm |
| Aperture | F1.7-F1.73 |

| | |
|--------------------------|---|
| Zoom Ratio | 4x optical zoom |
| Iris | P-Iris |
| Focus | Auto focus |
| Horizontal Viewing Angle | 42.5° - 15.1° |
| Vertical Viewing Angle | 23.3° - 8.64° |
| Viewing Angle Adjustment | Pan: 0°-355°, Tilt: 0°-75°, Rotation: 0°-355° |

Video

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|-----------------------------------|--|
| 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 |

Audio

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

Network

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|----------------------------|--|
| 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

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|---|-------------------------------------|
| Analysis Source Type | Video |
| Maximum detectable number of face or person | 30 faces per frame (Recommendation) |
| Face Rotation | ±60° (horizontal), ±30° (vertical) |

Detection Range

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|-------------------|---|
| Observation Range | Detection: 150.3m-400m Recognition: 30.1m-80m Identification: 15m-40m |
|-------------------|---|

Event

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|---------------|--|
| 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

Integration

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

Storage

User Database Face Picture Capacity: 150,000

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 1/1

Operating Button Reset Button

General

Power Source DC 12V, AC 24V, PoE Class 4 (IEEE802.3at)

Power Consumption 12.4 W (DC), 12.5 W (PoE)

Dimensions (Ø x L): 140.5mm x 122.6mm (5.5" x 4.8")

Environmental Casing Vandal proof (IK10)

Operating Temperature -30°C ~ 60°C (-22°F ~ 140°F)

Real-time Clock (RTC) Yes

Warranty 3 Year(s). For extended warranty offering, see <http://www.acti.com/support/warranty>

▶ 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

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)