

VMGB-410

2MP Automatic License Plate Recognition Zoom Bullet with D/N, Adaptive IR, Extreme WDR, SLLS, 4.3x Zoom Lens



- Automatic License Plate Recognition
- 2 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 Bullet
Maximum Resolution	2MP
Product Application	Automatic License Plate Recognition
Application Environment	Outdoor
Description	Wide Angle Camera Built-in Deep learning-based ALPR with working for car speed <60km/h. (Available for cars in Taiwan)
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 (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

Focal Length	Zoom, f2.8-12mm
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Aperture	F1.2-F2.5
Zoom Ratio	4.3x optical zoom
Iris	P-Iris
Focus	Auto focus
Horizontal Viewing Angle	114.5° - 41.8°
Vertical Viewing Angle	59.3° - 23.6°

Video

Compression	H.265, H.264 (Baseline/ Main/ High profile), MJPEG
Maximum Frame Rate vs. Resolution	30 fps at 1920 x 1280 30 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	Automatic License Plate Recognition, Vehicle Line Crossing Detection, Vehicle Enter Area Detection, Vehicle Exit Area Detection, Vehicle Intrusion Detection, Vehicle Color Detection, Vehicle Type Detection, Tampering Detection

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

Detection Range

Observation Range	Detection: 45m-111.8m Recognition: 9m-60m Identification: 4.5m-30m
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Event

Event Trigger	Video motion detection, External device through digital input, 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
Supported Countries	Taiwan

Interface

Analog Video Output	1 x CVBS, Composite output, for installation only
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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, PoE Class 4 (IEEE802.3at)
Power Consumption	14.28 W (DC), 16.8 W (PoE)
Dimensions	(Ø x L): 144mm x 347mm (5.7" x 13.7")
Environmental Casing	Weatherproof (IP67), Vandal proof (IK10)
Corrosion Protection	Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years.
Heater	Yes
Starting Temperature	-35°C ~ 60°C (-31°F ~ 140°F)
Operating Temperature	-35°C ~ 60°C (-31°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

Dome - Zoom Dome

VMGB-605		4MP Face Recognition Metadata Camera with 4x Zoom lens, f8-32mm/F1.7-1.73 (HOV:42.5°-15.1°), P-Iris, H.265/H.264, 3D DNR, Built-in Microphone, MicroSD/MicroSDHC/MicroSDXC, PoE/DC12V/AC24V, IK10, DI/DO, RS-485, Built-in Analytics
VMGB-606		4MP Face Recognition 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, Built-in Microphone, MicroSD/MicroSDHC/MicroSDXC, PoE/DC12V/AC24V, IK10, DI/DO, RS-485, Built-in Analytics
VMGB-607		4MP Face Recognition Metadata Camera with 4x Zoom lens, f8-32mm/F1.6 (HOV:42.5°-14°), P-Iris, H.265/H.264, 3D DNR, Built-in Microphone, Speaker, MicroSD/MicroSDHC/MicroSDXC, PoE/DC12V/AC24V, DI/DO, RS-485
VMGB-608		4MP Face Recognition Metadata Camera with 4.3x Zoom lens, f2.8-12mm/F1.2 (HOV:107.4°-39.8°), P-Iris, H.265/H.264, 3D DNR, Built-in Microphone, Speaker, MicroSD/MicroSDHC/MicroSDXC, PoE/DC12V/AC24V, DI/DO, RS-485

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)