

VMGB-603

3.6MP Metadata Camera with Day/Night, IR LED, Built-in Face Recognition



- 3.6 Megapixel Metadata Camera
- Day & Night with IR LED
- Built-in Face Recognition
- Not available in the USA
- Event trigger, response and notification

► Specifications

Device

Product Type	Metadata Camera
Maximum Resolution	3.6MP
Product Application	Face Recognition
Application Environment	Indoor
Description	With embedded deep learning based algorithms, the camera is capable of comparing captured faces with faces recognition and VIP.
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Day / Night	Yes
Low Light Sensitivity	Superior
Mechanical IR Cut Filter	Yes
IR LED	Adaptive IR LED (850 nm)
IR Working Distance	30m
Electronic Shutter	1-1/100000 second (auto mode)

Lens

Focal Length	Zoom, f8.0-32mm
Aperture	F1.8

Zoom Ratio	4x optical
Iris	DC iris
Focus	Auto focus
Lens Mount	Board mount
Horizontal Viewing Angle	40° - 16°
Vertical Viewing Angle	22° - 9°
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	30 fps at 2560 x 1440 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 704 x 480 30 fps at 640 x 480
Multi-Streaming	Simultaneous triple streams
Bit Rate	32Kbps - 16Mbps (per stream)
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
Built-in Analytics	Face Detection, Face Recognition, Object Line Crossing Detection, Object Enter Area Detection, Object Exit Area Detection, Object Loitering Detection, Missing Object Detection, Unattended Object Detection, Tampering Detection

Audio

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

Video Analytics

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

Event

Event Trigger	Video motion detection, Tampering detection, Disk full, Disk not found
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Storage

User Database	Face Picture Capacity: 30,000
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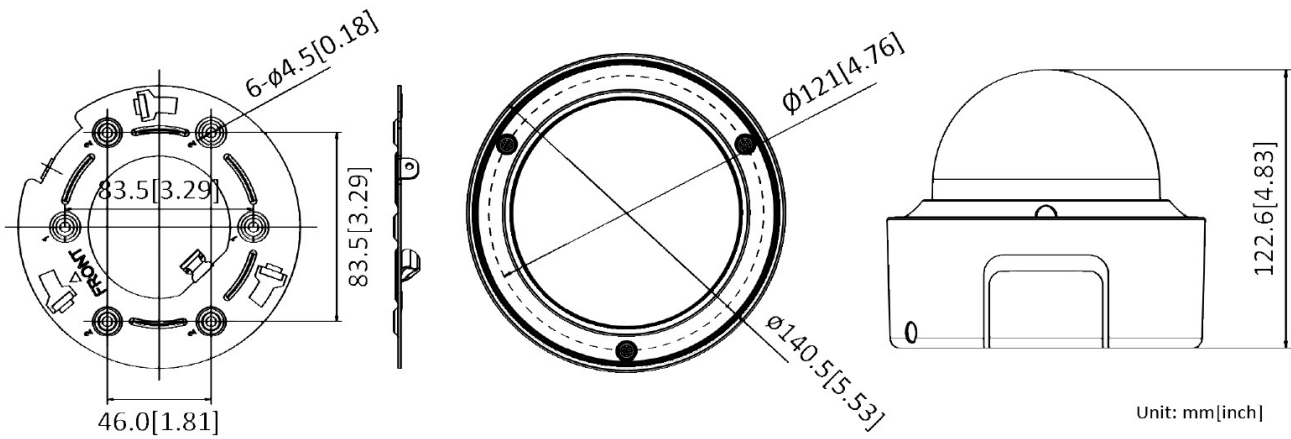
Interface

Serial Port	1 x RS-485
Analog Video Output	1 x CVBS, Terminal block
Local Storage	MicroSD, MicroSDHC, MicroSDXC Memory Card Slot (bundled 64GB SD card; support for up to 256GB)
Digital Input/Output	1/1

General

Power Source	DC 12V (adapter not included), High PoE (IEEE802.3at)
Power Consumption	11.4 W (DC), 25.5 W (PoE)
Weight	985g (2.172lb)
Dimensions	(Ø x H): 140mm x 123mm (5.5" x 4.8")
Environmental Casing	Vandal proof (IK10)
Starting Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)
Material	Camera body: Metal
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

▶ Dimension Diagram




Unit: mm[inch]


Unit: mm [inch]

▶ Related Products


Access Control System - Access Control Server

ACS-100		200-Channel 1-Bay Mini Standalone Access Control Server with HDMI, DVI and Display port, 4-channel free license included, Supports External Storage (eSATA, iSCSI), 1-Bay (Storage Disks not included), Audio, AC 100-240V
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Power Supply Accessories - Power Adapter

PPBX-0015		Power Adapter AC 100~240V (12V/2A Output), with universal connectors for R21CF-xx
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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)
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