

VMGB-604

4MP Metadata Camera with Day/Night, IR LED, Built-in Face Recognition, Face Counting, Hard Hat Detection, Queue management



- 4 Megapixel Metadata Camera
- Day & Night with IR LED
- Built-in Face Recognition, Face Counting, Hard Hat Detection, Queue management
- Not available in the USA
- Event trigger, response and notification

► Specifications

Device

Product Type	Metadata Camera
Maximum Resolution	4MP
Product Application	Face Recognition, Face Counting, Hard Hat Detection, Queue management
Application Environment	Indoor
Image Sensor	Progressive Scan CMOS
Sensor Size	1/1.8 "
Day / Night	Yes
Minimum Illumination	Color: 0.001 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	30m
Electronic Shutter	1-1/100000 second (auto mode)

Lens

Focal Length	Zoom, f2.8-12mm
Aperture	F1.2
Zoom Ratio	4.3x optical
Iris	P-Iris

Horizontal Viewing Angle	114.5° - 41.8°
Vertical Viewing Angle	59.3° - 23.6°
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 2680 x 1520 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 5 streams
Bit Rate Mode	Constant, Variable
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
Text Overlay	Yes
On-Screen Graphics	Yes
Built-in Analytics	Face Detection, Face Recognition, Face Counting, Tampering Detection, Hard Hat Detection, Object Line Crossing Detection, Object Enter Area Detection, Object Exit Area Detection, Intrusion Detection (Forbidden Area Detection), Missing Object Detection, Unattended Object Detection, Queue management

Audio

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

Network

Network Protocol & Service	IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, SFTP, IGMP, Bonjour, UPnP, QoS, SNMP, IEEE 802.1X, SSL/TLS
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

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, External device through digital input, Tampering detection, Disk full, Disk not found
Event Response	E-mail notification with snapshots, Save video to local storage, Upload snapshot to FTP server, Activate external device through digital output

Integration

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

User Database	Face Picture Capacity: 30,000
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Interface

Serial Port	1 x RS-485
Audio Interface	1/1, 3.5mm Phone Jack
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), AC 24V, PoE Class 3 (IEEE802.3af)
Power Consumption	9.96 W (DC), 12 W (AC), 12 W (PoE)
Weight	985g (2.172lb)
Dimensions	(Ø x H): 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)
Operating Humidity	10% - 95% RH
Approvals	CE, FCC, CB, UL, LVD, BIS, IK10
Warranty	3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty

▶ Related Products**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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