



The best in AI surveillance.

Ultimate AI Series: Motorised AI face capture domes in 4.0MP & 8.0MP

The Ultimate AI Series detects and captures faces from footage using machine-learned algorithms, preparing face data for use with an AI NVR face database. This enables up to 16 channels of face recognition. The series also features intelligent perimeter protection and people counting to provide meaningful video event notifications in real-time.

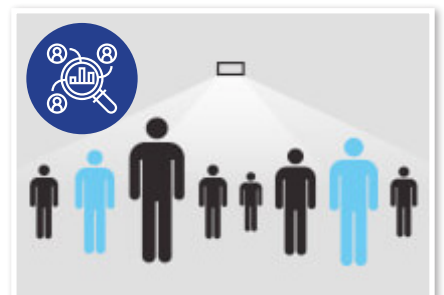
- Stream up to 8.0MP (3840 x 2160) at 25fps
- Up to 40m infrared range; true day/night (auto ICR)
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- Internal face detection & capture to extend recognition
- Perimeter Protection to identify people & vehicles
- Intelligent AI-enhanced people counting for retail capacity management and flow control
- Extend PoE up to 800m (requires ePoE NVR/switch)
- Heater prevents condensation in cold environments



Superb Image Performance



AI-Enhanced Face Detection



People Counting & Flow Control

Specifications		4.0MP Motorised Vandal Dome		8.0MP Motorised Vandal Dome	
Ordering Information		CAN472: Standard		CAM4115: Zoom Lens	
Image Sensor		1/1.8" 4.0MP Progressive Scan CMOS		1/1.8" 8.0MP Progressive Scan CMOS	
Effective Pixels		2688 (H) x 1520 (V)		3840 (H) x 2160 (V)	
RAM / ROM		1GB / 128MB		2GB / 4GB	
Min Illumination		0.003 Lux / F1.8 (Color)		0.002 Lux / F1.6 (Color)	
S/N Ratio		> 50dB			
Infrared System		3 x Infrared LED, 40m range, Auto/manual on/off control		3 x Infrared LED, 80m range, Auto/manual on/off control	
Lens / Iris		2.7 ~ 12mm F1.8 Motorised Varifocal Lens with Auto Iris		2.7 ~ 12mm F1.2 Motorised Varifocal Lens with Auto Iris	
Field of View		Horizontal: 114°~47°, Vertical: 62°~26°		Horizontal: 114°~47°, Vertical: 59°~27°	
Focus		Auto Focus / 1.2m Min. Focus Distance		Auto Focus / 1m Min. Focus Distance	
Detect (25px/m)		58m (wide) / 131m (tele)		87m (wide) / 187m (tele)	
Observe (63px/m)		23m (wide) / 52m (tele)		35m (wide) / 75m (tele)	
Recognise (125px/m)		12m (wide) / 26m (tele)		17m (wide) / 37m (tele)	
Identify (250px/m)		6m (wide) / 13m (tele)		9m (wide) / 19m (tele)	
Resolution		4.0MP (2688 x 1520) to CIF (352 x 288)		8.0MP (3840 x 2160) to CIF (352 x 288)	
Frame Rate		4.0MP (1 ~ 25fps) / 3.0MP (1 ~ 25fps) / 2.0MP (1 ~ 50fps)		8.0MP (1 ~ 25fps)	
		D1 (1 ~ 50fps)		D1 (1 ~ 25fps)	
		1080p (1 ~ 16fps)		1080p (1 ~ 25fps)	
Video Compression		H.265,H.264, H.264B, H.264H, MJPEG			
Bit Rate		H.264: 32Kbps~8192Kbps / H.265: 19Kbps~8192Kbps		H.264: 32Kbps ~ 16384Kbps / H.265: 12Kbps ~ 16384Kbps	
Bit Rate Control		Constant bit rate (CBR) / Variable bit rate (VBR)			
Day/Night		Auto (ICR) / Color / B&W			
Lighting Compensation		BLC / HLC / WDR (120dB)			
White Balance		Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom			
Gain Control		Auto / Manual			
Noise Reduction		3D DNR			
Picture Control		Mirror / Flip (0°, 90°, 180°, 270°) (8.0MP supports 90° & 270° at 1080p resolution)			
Intelligent Functions		Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared, Abandoned Object, Moving Object			
Perimeter Protection		Tripwire & Intrusion (Add recognition of humans & vehicles), Fast Moving Detection, Loitering Detection, Parking & Gathering Detection			
Face Detection		Internal Face Detection & Capture to add up to 10 channels of Face Detection with AI NVR (16 total)			
Face Attributes		Age, Gender, Expression, Glasses, Face Mask, Facial Hair			
People Counting		Supports Line Crossing/Region/Queuing People Counting, 4 Independent Access Detection / 4 Dependent Access Detection			
Heat Map		Yes		N/A	
Event Trigger		Motion Detection, Video Tampering, Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access, Storage Anomaly		N/A	
Intelligent Search		Via NVR Smart Search / Search tripwire/intrusion events by people or vehicle, Search footage by face image and face attributes			
Ethernet		RJ-45 (10/100Base-T)			
Protocol		IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; SNMP		HTTP; HTTPS; 8021.x; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; SNMP; QoS; UPnP; NTP; SFTP; RTMP; Genetec; Bonjour	
Streaming Method		Unicast / Multicast			
Max. User Access		20 Users			
Video Interface		N/A			
Audio Interface		1 input (RCA Port) / 1 output (RAC Port) / Audio Compression - G.711a; G.711Mu; G726; G.723			
Alarm Interface		1 channel in: 5mA 5VDC / 1 channel out: 300mA 12VDC		3 channel in: 5mA 5VDC / 2 channel out: 1000mA 30VDC / 500mA 50VDC	
RS485		N/A		1 (Bit rate: 1200bps~115200bps)	
Edge Storage		MicroSD Card (up to 256GB) / NAS / FTP / SFTP			
Interoperability		ONVIF / P2P / CGI / Milestone / Genetec			
Power Supply		12VDC / 24VAC / PoE (802.3af)(class 4)			
Power Consumption		<18.7W (Heater on)		<12.4W	
Operating Conditions		-40°C ~ +60°C, ≤95% RH (Heater on)		-30°C ~ +60°C, ≤95% RH	
Ingress Protection		IP67			
Vandal Resistance		IK10			
Housing		Metal, Plastic			
Pan/Tilt/Rotation		Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360°			
Dimensions		Ø159mm x 118mm		Ø158mm x 129mm	
Net Weight		0.95kg		1.60kg	

Application					
<p>4.0MP</p>	Junction Box		Wall Mount		Corner Mount
	MB1052 (4.0MP only)		MB1056		MB1040 + MB1033
	Pole Mount		In-Ceiling Mount		Ceiling Mount
	MB1040 + MB1028 + MB1025		MB1062 (4.0MP only)		MB1040 + MB1028 (+ MB1031 + MB1030)
<p>8.0MP</p>			Pole Mount		Pole Mount
			MB1040 + MB1033 + MB1027		MB1056 + MB1027
			Parapet Mount		
			MB1040 + MB1063		

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