



# Every application sorted.

## Professional Series: Motorised lens domes available in 4.0MP

The versatile dome camera that can fit any application. Each dome in this series features an array of tools to perform in just about any environment, with a vandal & weather rated housing, infrared, remote zoom control & more.

- Stream up to 4.0MP (2688 x 1520, 16:9 ratio) at 20fps
- Motorised lens & fixed iris for up to 4x optical zoom
- 30m infrared range; true day/night (auto ICR)
- MicroSD slot for recording at the edge up to 128GB
- Back/highlight compensation & true WDR (120dB)
- 3D digital noise reduction & auto white balance
- IP67/IK10 weather/vandal rated dome housing
- ONVIF, PSIA and CGI compliance



True Wide Dynamic Range



Double Full HD Resolution



Vandal & Weather Resistant

Series Specifications

Model		CAM409	
Camera	Image Sensor	1/3" 4.0MP Progressive Scan Exmor CMOS	
	Effective Pixels	2688 (H) x 1520 (V)	
	RAM / ROM	256M / 16MB	
	Min Illumination	0.1 Lux/F1.4 (Color), 0 Lux/F1.4 (IR on)	
	S/N Ratio	> 50dB	
	Infrared System	2 x Infrared LED, 30m range, Auto/manual on/off control	
Lens	Lens / Iris	2.8 ~ 12mm F1.4 Motorised Varifocal Lens with Fixed Iris	
	Field of View	Horizontal: 100°~35°, Vertical: 54°~20° (4x Optical Zoom)	
	Focus	Auto Focus / 0.3m Focus Distance	
Video	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)	
	Frame Rate	Main	4.0MP (1 ~ 20fps) / 2.0MP (1 ~ 25fps)
		Sub	D1 (1 ~ 25fps)
		Third	N/A
	Video Compression	H.264+ / H.264	
	Bit Rate	H.264: 24 ~ 8192Kbps	
	Bite 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	
Gain Control	Auto / Manual		
Noise Reduction	3D DNR		
Picture Control	Mirror / Flip (0°, 90°, 180°, 270°)		
IVS	Intelligent Functions	Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared	
	Ethernet	RJ-45 (10/100Base-T)	
Network	Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP	
	Streaming Method	Unicast / Multicast	
	Max. User Access	10 Users / 20 Users	
	Video Interface	N/A	
Interface	Audio Interface	N/A	
	Alarm Interface	N/A	
	RS485	N/A	
	Edge Storage	MicroSD Card (up to 128GB) / NAS / Local PC	
	Interoperability	ONVIF / PSIA / CGI	
Environmental	Power Supply	12VDC / PoE (802.3af) (Class 0)	
	Power Consumption	<10W	
	Operating Conditions	-30° ~ +60° C / Less than 95% RH	
	Ingress Protection	IP67	
	Vandal Resistance	IK10	
	Housing	Metal, Polycarbonate	
	Pan/Tilt/Rotation	Pan: 0° ~ 355° ; Tilt: 0° ~ 75° ; Rotation: 0° ~ 355°	
	Dimensions	Ø122mm x 89mm	
Net Weight	0.40kg		
Application	Diagrams		
	Accessories		
Models	<p>Wall Mount (MB1043)</p> <p>Pole Mount (MB1027 + MB1043)</p>		