



# Discreet PTZ functionality.

Professional PTZ Series: Mini PTZ dome available in 2.0MP & 4.0MP

No larger than a standard fixed lens dome, this miniature network PTZ dome offers incredible functionality for its size. Deliver a compact PTZ solution, with 4x optical zoom, 355° panning and 90° tilt, in a small footprint dome.

- Stream up to 4.0MP (2592 x 1520) at 25fps
- Compact footprint and profile for easy mounting
- WDR (120dB) & back/highlight compensation
- MicroSD slot for recording at the edge up to 128GB
- 355° panning and 0° ~ 90° tilt adjustable
- Face detection & intelligent video analytic functions
- 3D digital noise reduction & auto white balance
- IP66/IK10 weather/vandal rated housing



Up to 4x Lossless Optical Zoom



Small Footprint Mini PTZ Dome



Vandal & Weather Resistant

Model		CAM423	CAM433		
Lens	Image Sensor	1/2.7" 2.0MP Progressive Scan CMOS			
	Effective Pixels	1920 (H) x 1080 (V)			
	RAM / ROM	256MB / 128MB			
	Min Illumination	0.05 Lux/F1.6 (Color), 0.005 Lux/F1.6 (B/W)			
	S/N Ratio	> 50dB			
	Infrared System	N/A			
	Lens / Iris	2.7 ~ 11mm F1.6 ~ F2.8 Motorised Lens			
	Field of View	Horizontal: 112.5° ~ 30° (4x Optical Zoom)			
	Focus	Auto/Manual / 1m Min. Focus Distance			
	DORI Distance	N/A	Detect: 180m / Observe: 72m / Recognise: 36m / Identify: 18m		
PTZ	Pan / Tilt Range	Pan: 0° ~ 355° / Tilt: 0° ~ 90° / Auto-flip 180°			
	PTZ Speed	Preset Pan: 100°/s; Tilt: 60°/s Manual Pan: 100°/s; Tilt: 60°/s			
	Modes / Presets	Up to 300 presets / 5 Pattern, 8 Tour, Auto Pan, Auto Scan			
	Start-up Action	Auto-restore to previous PTZ/lens status			
Video	Auto Tracking	N/A			
	Resolution	1080p (1920 x 1080) to CIF (352 x 288)			
	Frame Rate	Main	1080p (1~25fps)		
		Sub	D1 (1 ~ 25fps)		
		Third	720p (1 ~ 25fps)		
	Video Compression	H.264+ / H.264 / MJPEG			
	Bit Rate	H.264+/H.264: 448 ~ 8192Kbps / MJPEG: 5120 ~ 10240Kbps			
	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 / ATW / Indoor / Outdoor / Manual				
Network	Gain Control	Auto / Manual			
	Noise Reduction	Ultra 2D/3D DNR			
	Picture Control	Flip 180°			
	Intelligent Functions	Tripwire, Intrusion, Abandoned/Missing Object, Face Detection, Motion Detection, Region of Interest, Privacy Masking (24 zones), Defog			
	Ethernet	RJ-45 (10/100Base-T)			
	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			
	Audio Interface	N/A			
Interface	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/1.5A / PoE (802.3af)			
	Power Consumption	<10W			
	Operating Conditions	-30° ~ +60° C / Less than 90% RH			
	Ingress Protection	IP66			
	Vandal Resistance	IK10			
	Housing	Metal			
	Pan/Tilt/Rotation	Pan: 0° ~ 355° ; Tilt: 0° ~ 90° ; Rotation: 0° ~ 360°			
Application	Dimensions	Ø122mm x 89mm			
	Net Weight	0.66kg			
	Diagrams				
Accessories					
Models	Junction Box (MB1048)	Recessed Flush Mount (MB1061)	Wall Mount (MB1053)	Pole Mount (MB1053+ MB1025)	Corner Mount (MB1048+ MB1026)

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