



motorola



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MTWBM028801

8MP IP 180° Panoramic IK10 Starlight Camera

General features:

Adopts 4 high-performance 2MP 1/2.8" CMOS image sensors

Max. resolution of 8MP (4096 × 1800) resolution

H.265 / H.264 coding

Support panoramic splicing images; multi-screen display mode

Built-in SD card slot for storage of up to 256GB

ROI coding

D-WDR

3D DNR, BLC, HLC, White Balance

20m IR night view distance

DC12V/POE powered

IP67 ingress protection and IK10 vandal protection

Support three streams

Intelligent Analytics: Face Detection, Line Crossing detection,

Intrusion detection, Object Removed/Abandoned, Exception

Compatible with ONVIF Profile S and Profile G



Model: MTWBM028801

Camera	
Camera Type	Mini Bullet
Image Sensor	Four 1/2.8" Starlight CMOS
Lens	Fixed 3.2mm, horizontal field of view: 180°
Mount Type	M12
Scanning System	Progressive
Image Size	4096 × 1800
Iris Type	Fixed
Electronic Shutter Speed	NTSC: 1/1s~1/100,000s PAL: 1/1s~1/100,000s
Minimum Illumination	0.008 lux, AGC ON; 0 lux with IR
IR Distance	20m radius
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotation: 0° ~ 360°
Video	
Resolution	4096 × 1800, 3480 × 1680, 2880 × 1264, 1024 × 452, 704 × 320
Video Compression	H.265 / H.264 / MJPEG
Image System	NTSC / PAL
Frame Rate	Main Stream:
	NTSC: 60Hz : 54096 × 1800, 3840 × 1680, 2880 × 1264 (1~30fps) PAL: 50Hz : 54096 × 1800, 3840 × 1680, 2880 × 1264 (1~25fps)
	Sub Stream:
	NTSC: 60Hz : 2048 × 896, 704 × 320 (1~30fps) PAL: 50Hz : 2048 × 896, 704 × 320 (1~25fps)
Third Stream	NTSC: 60Hz : 704 × 320 (1~30fps) PAL: 50Hz : 704 × 320 (1~25fps)
Stream Capability	3 Streams
High Frame Rate Mode	No
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G.711 A/U
BLC	Yes
HLC	Yes
WDR	Digital
Defog	Automatic
AGC	Yes
Noise Reduction	Yes, 3D-DNR
Day/Night	Automatic ICR
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
ROI	Each ROI can be configured separately
Motion Detection	Yes
Privacy Masking	Max. 4 Areas
Mirror	Yes
Flip	Yes
Software & Network	
Remote Monitoring	Web browsing, MVMS, hellosecurity APP
Management Software	MVMS Lite, Standard, Professional
Mobile APP	iOS, Android
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Interoperability	ONVIF (Profile S and Profile G), P2P
Bandwidth Self-adaptation	Yes
Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
Interfaces	
Video Output (CVBS)	No
Audio In/Out	1/1
Alarm In/Out	1/1
Built in Mic	No
RS485	Yes, Pelco-D / P protocol
Hardware Reset	Yes
Micro SD Card Slot	Yes, Up to 256GB
Ingress Protection	IP67
Vandal Resistance	IK10
Network	RJ45 10/100 Mbps
Functions	
Smart Alarm	Motion detection; Sensor alarm; IP conflict; Network disconnection
Intelligent Analytics	Face Detection, Line Crossing, Target Intrusion, Target counting, Exception
General function	Watermark, IP address filtering, video mask, heartbeat, password protection
Others	
Power Supply	DC12V / PoE (802.3af)
Power Consumption	< 12.9W with 6000V Lightning Protection, Surge and Voltage Transient Protections
Operating Environment	-30°C ~ +60°C Humidity: less than 95% (non condensing)
Casing	Metal
Dimensions (mm)	288.4mm x 159.7mm x 137.7mm
Weight (net)	Approx. 2.1kg

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