



motorola

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MTIDM054821

4MP IP Face Detection Motorized Varifocal Dome - IK10

Features:

1/3" CMOS sensor

4MP (2592 × 1520) resolution

Motorized varifocal lens 2.8mm - 12mm

H.265+ / H.265 / H.264+ / H.264 / MJPEG

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

HFR High Frame Rate @ 60fps

3D DNR, HLC, BLC, defog

True WDR, 120dB

50m IR night view distance

One built-in MIC and one audio IN/OUT connections

One alarm IN/OUT connections

DC12V/PoE power supply

IP67 & IK10 Protection grade

Support three streams

Compatible with ONVIF Profile S & Profile G

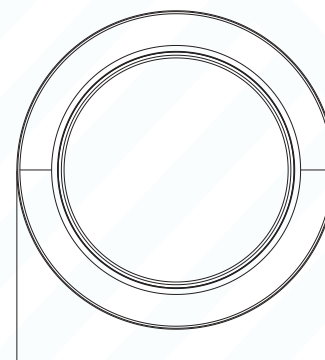
Intelligent Analytics: Face Detection, Face Capture, Target Counting (human/vehicle distinction), Region Entrance/Exiting, Intrusion Detection (human/vehicle distinction), Line Crossing Detection (human/vehicle distinction), Human tracking



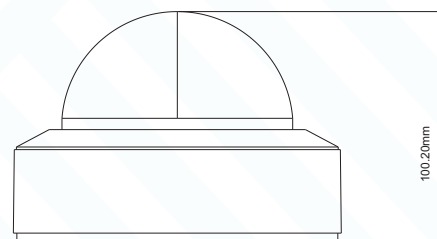
Model: MTIDM054821

Camera	
Camera Type	Dome
Image Sensor	1/3" CMOS
Lens	Varifocal Motorized 2.8mm ~ 12mm @ F1.3, horizontal field of view 100° ~ 29°
Mount Type	Φ14
Scanning System	Progressive
Image Size	2592 x 1520
Iris Type	DC Iris
Electronic Shutter Speed	NTSC: 1/3s~1/100,000s PAL: 1/3s~1/100,000s
Minimum Illumination	0.005 lux @ F1.3, AGC ON; 0 lux with IR
IR Distance	50m
Angle Adjustment	Pan: 0° ~ 345°; Tilt: 0° ~ 77°; Rotation: 0° ~ 345°
Video	
Resolution	4MP (2592 x 1520), 2K (2560 x 1440), 3MP (2304 x 1296), 1080P (1920 x 1080), 720P (1280 x 720), D1, CIF, (480 x 240)
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Image System	NTSC / PAL
Frame Rate	Main Stream: NTSC 60Hz: 4MP / 2K / 3MP / 1080P / 720P (1~30fps) NTSC 50Hz: 4MP / 2K / 3MP / 1080P / 720P (1~25fps)
	Sub Stream: NTSC 60Hz: 720P / D1 / CIF / 480*240 (1~30fps) PAL 50Hz: 720P / D1 / CIF / 480*240 (1~25fps)
	Third Stream: NTSC 60Hz: D1 / CIF / 480*240 (1~30fps) PAL 50Hz: D1 / CIF / 480*240 (1~25fps)
Stream Capability	3 Streams
High Frame Rate Mode	Main Stream 1080P / 720P (1~60fps / 1~50fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
BLC	Yes
HLC	Yes
WDR	120dB
Defog	Yes
AGC	Yes
Noise Reduction	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 AI, MVMS ENTERPRISE
Mobile APP	iOS, Android
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Protocol	TCP/IP UDP DHCP NTP RTSP PPPoE DDNS SMTP FTP, HTTPS, SNMP, 802.1X, QoS
Interoperability	ONVIF (Profile S/Profile G) P2P Optional
Bandwidth Self-adaptation	Yes
Browser	Internet Explorer 11
Interfaces	
Video Output (CVBS)	CVBS output (BNC x 1)
Audio In/Out	1/1
Alarm In/Out	1/1
Built in Mic	Yes
RS485	No
Hardware Reset	Yes
Micro SD Card Slot	Yes (up to 256GB)
Ingress Protection	IP67
Vandal Resistance	IK10 rating
Network	RJ45 10/100 Mbps
Functions	
Smart Alarm	Motion detection; Sensor alarm; SD card error; SD card full; IP conflict; Network disconnection
Intelligent Analytics	Face Detection, Face Capture, Target Counting (human/vehicle distinction), Region Entrance/Exiting, Intrusion Detection (human/vehicle distinction), Line Crossing Detection (human/vehicle distinction), Human tracking, Abandoned/missing object
General function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction
Others	
Power Supply	DC12V / PoE (802.3af)
Power Consumption	< 9W
Operating Environment	-30°C ~ +60°C Humidity: less than 95% (non condensing)
Casing	Metal
Dimensions (mm)	141 x 100.2
Weight (net)	Approx. 0.93kg

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141.00mm



100.20mm

DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	58.91m(193.27 ft)	23.56m(77.29 ft)	11.78m(38.64 ft)	5.89m(19.32ft)
2.8~12mm(T)	205.99m(675.82ft)	82.40m(270.34ft)	41.20m(135.17ft)	20.60m(67.58ft)