



Embedded
Face Recognition



Starlight for low
light conditions



IP67 Protection

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MTIBM012721

2MP Face Match/Recognition STARLIGHT Varifocal IP Camera

General characteristics:

1/2.8" CMOS STARLIGHT sensor
2MP (1920 x 1080) high resolution
Motorized varifocal 7-22mm lens

H.265 full real time coding

10m White Light night view distance

Intelligent Analytics: Embedded Face Match/Recognition, Face Detection/Capture, Exception
True WDR, 120dB

Supports 3D DNR, HLC, BLC, Smart IR and ROI coding

1CH alarm input; 1CH alarm output; Built-in micro SD card slot

1CH audio input and 1CH audio output; Hardware reset

Auto ICR, true day/night

IP67 Ingress Protection

Works with PoE

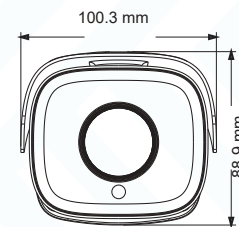
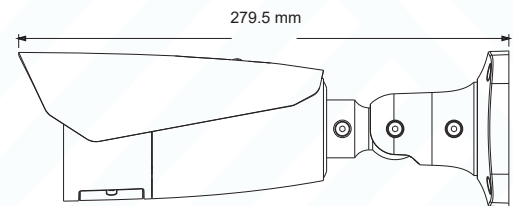
ONVIF Profile S and Profile G



Model: MTIBM012721

Camera	
Camera Type	Bullet
Image Sensor	1/2.8" CMOS STARLIGHT
Lens	Varifocal Motorized 7mm ~ 22mm @ F1.4, horizontal field of view 44° ~ 17.6° Recommended Face Capturing Distance: 4 ~ 10m
Mount Type	Φ14
Scanning System	Progressive
Image Size	1920 x 1080
Iris Type	DC Iris
Electronic Shutter Speed	NTSC: 1/30s~1/100,000s PAL: 1/25s~1/100,000s
Minimum Illumination	0.004 lux @ F1.4, AGC ON; 0 lux with IR
LED View Distance	10m Soft Light
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotation: 0° ~ 360°
Video	
Resolution	1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, (480 × 240)
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
Image System	NTSC / PAL
Frame Rate	Main Stream: NTSC 60Hz: 1080P / 720P (1~30fps) NTSC 50Hz: 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	Yes, main stream 1080P / 720P (1~60fps / 1~50fps)
Bit Rate	64 Kbps ~ 6 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	No
Flip	No
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 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)	No
Audio In/Out	1/1
Alarm In/Out	1/1
Built in Mic	No
RS485	No
Hardware Reset	Yes
Micro SD Card Slot	Yes (up to 256GB)
Ingress Protection	IP67
Vandal Resistance	IK10 housing only
Network	RJ45 10/100 Mbps
Functions	
Smart Alarm	Motion detection; Sensor alarm; SD card error; SD card full; IP conflict; Network disconnection
Intelligent Analytics	Embedded Face Match, Face Detection, Face Capture, Exception
General function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction, face exposure
Others	
Power Supply	DC12V / PoE (802.3af)
Power Consumption	< 12W
Operating Environment	-30°C ~ +60°C Humidity: less than 95% (non condensing)
Casing	Metal
Dimensions (mm)	279.5 x 100.3 x 88.9
Weight (net)	Approx. 1.04kg

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Face	
Face Detection	Pupil distance of a facial image over 20 pixel can be detected
Face Capturing	By precise detecting, tracing, capturing, scoring and screening the moving faces to get the most effective face snapshots
Panorama Capturing	Support panorama capturing and self-defined information overlay, like device ID, time, etc.
Intelligent Light Compensation	Built-in high efficient white light LEDs, time switch available
Face Picture Database	10000 face pictures
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through WEB and Face Album Manager Tool
External Face Picture Enrollment	Size: less than 70KB Format: jpg, jpeg
Face Picture Comparison Alarm	Support face trigger alarm Support allow list, block list, stranger alarms

*Camera Housing with IK10 rating

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