

M8T-WIDEDT

4K UltraHD 180° Turret IP Camera with Active Deterrence Strobes & Siren, White Light & IR Dual Illuminators, Built-In Mic & Speaker, and AI Intelligent Events

RSERIES



OVERVIEW

- **Super Wide-Angle Lens:** A unique lens that captures a sweeping 180° field of view, ensuring comprehensive coverage of the area under surveillance.
- **4K Ultra HD Clarity:** With an 8MP sensor recording at 20 FPS, you'll enjoy video footage with stunning detail and clarity.
- **Active Deterrence:** Flashing red and blue lights and an audible warning are designed to discourage potential intruders before they act.
- **24/7 Full-Color Vision:** Thanks to 2 integrated white light LEDs, the camera provides vivid color video even in low-light conditions.
- **Two-Way Audio:** Features a built-in microphone and speakers for clear two-way communication, while the speaker also serves as an audible deterrent.
- **Versatile Night Vision:** For environments with pitch-black darkness, 2 infrared LEDs offer traditional black-and-white night vision capabilities.
- **Advanced AI Features:** Loaded with intelligent analytics such as Line Crossing, Human & Vehicle Detection, Stationary Object Detection, and more for enhanced security monitoring.
- **120dB WDR:** True wide dynamic range for crisp and clear imagery, even in harshly lit environments



CAMERA

Sensor	1/2.8" Progressive Scan CMOS
Max Resolution	4K UltraHD 8MP, 3840 x 2160
Minimum Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Shutter Speed	1/5 ~ 1/20000s



LENS

Focal Length	2.0mm
Max Aperture	F 1.0
Field of View	Horizontal: 180° Vertical: 91° Diagonal: 180°
Minimum Object Distance	0.6m
Lens Type	M12



Wide Angle



4K UHD



Dual Light



2-Way Audio



AI Events



Deterrence



PoE



IP66



WDR

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ILLUMINATION	
Supplement light type	IR and warm light
Supplement light range	Up to 82ft (IR) / 50ft (warm light)
Smart Supplement Light	Yes

NETWORK	
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
API	ONVIF (Profile S/G/T)
Web Browser	IE10/11, Safari V12.1+, Firefox V.52+, Google Chrome V.57+, Edge V.79+

EVENT	
Basic Event	Motion Detection
Smart Event	Face Recognition, Pedestrian & Vehicle Detection, Line Crossing, Object Detection, Cross Counting, Heat Map, Crowd Density, Queue Length, License Plate Recognition, Intrusion, Region Entrance, Region Exit

IMAGE	
Image Settings	Privacy Masking, Gain Control, White Balance, Digital Noise Reduction (3D DNR)
Day/Night Switch	Day & Night Mode/Full Color Mode/Schedule
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	Digital Noise Reduction (3D DNR), Backlight Compensation (5 Zones)

INTERFACE	
Network Connection	RJ45 (10/100 BASE-T)
On-Board Storage	Micro SD slot, up to 256GB
Audio	Built-in microphone, speaker
Alarm	Built-in red & blue flashing lights
Reset	Yes

GENERAL	
Power	D12V/PoE (IEEE802.3af)
	Power consumption: Max. 13.1W
Material	Metal
Dimensions	Ø116.5 x 97.7mm (4.59 x 3.85 inches)
Weight	587.5g (1.29 lbs)
Operating conditions	-35°C to +60°C, ≤95% RH
Ingress Protection	IP67

DIMENSIONS

