

The TP-MMB4AV8L is a high-performance LPR camera ideal for monitoring mild road traffic, securing gate entrances, and managing parking lots. Its advanced image processing ensures accurate license plate recognition even in challenging lighting conditions.

KEY FEATURES

- 1/1.8" 4MP sensor provides exceptional image quality for accurate license plate capture.
- 8-32 mm motorized zoom lens allows for flexible FoV adjustments.
- Built-in LPR algorithm ensures reliable license plate recognition.
- Allow and block lists enable customized access control
- Alarm and audio I/O
- Connects to TURING VISION ® cloud VMS via Turing Smart Series NVR
- Up to 10-year extended warranty with CORE AI license
- NDAA compliant

EMPOWER VIDEO SECURITY WITH TURING VISION ® AND CORE AI LPR

Vehicle attribute search

License plate detection and comparison

Customized smart alerts anywhere using Vision apps

*Activation depends on state regulations and the compliance with Biometric Information Protection Act (BIPA). Please refer to our privacy policy.

Visit turing.ai/get-core to find out more about CORE AI

SPECIFICATIONS

MODEL NUMBER		TP-MMB4AV8L
TURING VISION ® SUPPORT		
TURING VISION ® Cloud VMS	Included	
LPR License	TV-CORELPR1Y / TV-PREMLPR1Y (Purchase separately)	
Prerequisites	Turing SMART Series NVR & bridge Compatible NVR: TR-MRP042(4)GL-B, TR-MRP082/164G2-B, TR-MR32/64R-B For optimal LPR performance in Turing Vision, use a maximum of two LPR cameras per Bridge	
VIDEO & AUDIO		
Image sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS	
Lens	Focal Length: 8-32 mm	
Minimum Illumination	Color: 0.002 lux (F1.7); 0 lux with IR on	
IR LED	IR LED Range: Up to 50m (164ft); 850nm	
Shutter	Auto/Manual, shutter time: 1/30~1/100000 s	
Image Processing	WDR: 120 dB; S/N: >56dB; Noise reduction: 2D/3D;	
Video Encoding	Ultra 265, H.265, H.264 (Baseline profile, Main Profile, High Profile); ROI: Up to 8 areas	
Available Resolution and Frame Rate	Main Stream: Up to 4MP(2688x1520) ,Max 30fps Sub Stream: Up to 720P (2560*720), Max 30fps Third Stream: Up to D1 (720x575), Max 30fps	
On-screen Overlay	OSD: Up to 8 OSD;	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2	
Image Rotation	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise	
Audio & Alarm I/O	Audio I/O, Alarm I/O	
Alarm handling	Alarm out x1: withstand voltage: AC 125V/0.3A, DC 30V/1A Alarm in x 2: supports level (up to DC 5V) and switch signal	
Onboard Storage	microSD slot (SD card not included); up to 128GB	
Smart Event		
Vehicle speed	Recognize license plates of vehicles traveling at speeds up to 50 MPH	
Vehicle detection mode	Video detection (base on headlight and taillight)	
Vehicle list	Supports allowlist and blocklist configuration, each list allows up to 20,000.	
Linkage action	Barrier opening conditions: Recognized, Allowlist, not in the Blocklist, All Vehicles	
NETWORK ACCESSIBILITY & SECURITY		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSH	
Compatible Integration	ONVIF (Profile S), API, SDK	
User/Host	Up to 32 users. 3 user levels: administrator and common user	
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF	
Network	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet	
GENERAL		
EMC	CE-EMC (EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 55035) FCC (FCC 47 CFR part15 B)	
Safety Certification	CE LVD (EN 62368-1); CB (IEC 62368-1); UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)	
Power	DC12V + 25% - 10% Max. power consumption: 20W Supports PoE (802.3at , class 4)	
Dimensions & Weight	406mm x 126mm x 130mm (16" x 5" x 5.1"), 2.1kg (4.63lb)	
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤90% RH (non-condensing)	
Reset Button	Yes	
Environmental Protection	Ingression protection: IP67; IK10	

**All specifications are subject to change without further notice

DIMENSIONS

MOUNTING ACCESSORIES

MODEL NUMBER	DESCRIPTION / APPLICATION	COMPATIBLE ACCESSORIES
Junction Box	Come with camera	TP-FCBPM - Pole Mount TP-WMCM - Corner Mount