

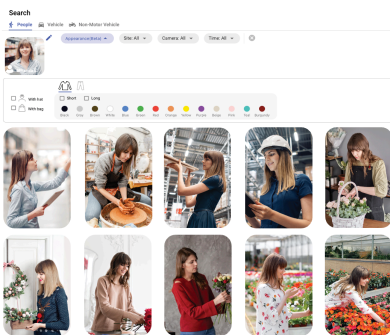
Experience superior nighttime surveillance with the SMART *VibrantView+* camera. **TP-MED5MA28C/TP-MED8MA28C** features an 5MP/8MP high-resolution sensor and **AI-driven ISP** technology to deliver vibrant, full-color images from day to night, making it ideal for capturing clear details even in extremely low-light conditions

KEY FEATURES

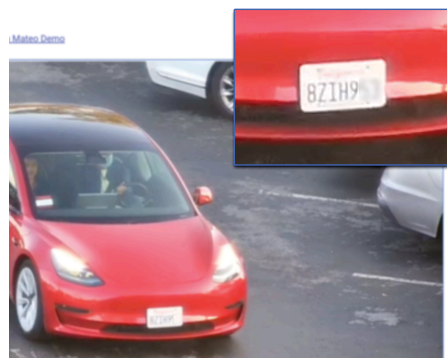
- 5MP high quality sensor 1/1.8" CMOS
- 8MP high quality sensor 1/1.2" CMOS
- F1.0, 24/7 Full-Color Imaging with AI-driven ISP
- People and vehicle detection on the edge
- 0.0003Lux & supplementary warm light
- 130dB true WDR with Intelligent
- Connects to TURING VISION® cloud VMS via Turing Smart Series NVR
- Up to 10-year extended warranty with CORE AI license
- NDAA compliant



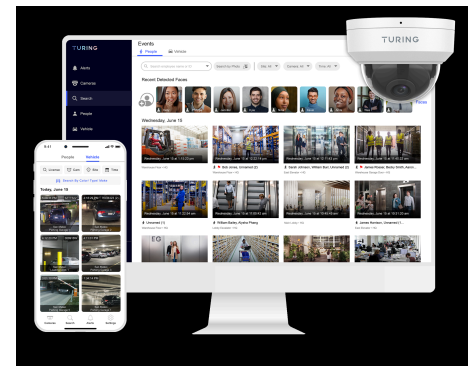
EMPOWER VIDEO SECURITY WITH TURING VISION® AND CORE AI



People* & 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-MED5MA28C	TP-MED8MA28C
TURING VISION ® SUPPORT		
TURING VISION ® Cloud VMS	Included up to 10 years	
Prerequisites	Turing SMART Series NVR & Bridge	
CORE AI License	Supported	
VIDEO & AUDIO		
Image sensor	1/1.8" 5MP 16:9 Progressive Scan CMOS	1/1.2" 8MP 16:9 Progressive Scan CMOS
Lens	Focal Length: 2.8mm @ F1.0; HHOV:110.4°, VHOV:60.5°, DHOV:115.2°	Focal Length: 2.8mm @ F1.0; HHOV:105.0°, VHOV:56.1°, DHOV:121.0°
Minimum Illumination	Color: 0.0003 Lux (F1.0, AGC ON)	
Supplemental Light	Warm light: Up to 30 m (98.4 ft); Auto/Manual	
Shutter	Auto/Manual, shutter time: 1~1/100000 s	
Image Processing	WDR: 130 dB , Intelligent WDR; S/N: >56dB; Noise reduction: 2D/3D; Defog: Supported; HLC/BLC:Supported	
Video Encoding	Ultra 265, H.265, H.264 (Baseline profile, Main Profile, High Profile), MJPEG; ROI: Up to 8 areas	
Available Modes and Resolution	Main Stream: 5MP (3072x1728)@30fps, 4MP(2688x1520)@30fps, 2560x1440@30fps; 2304x1926@30fps; 1920x1080@30fps, 1280x720@30fps; Sub Stream: 1920x1080@30fps, 1280x720@30fps, 720x576@30fps, 640x360@30fps, 704x288@30fps, 352x288@30fps Third Stream: 720*576@30fps, 640x360@30fps, 704x288@30fps, 352x288@30fps	Main Stream: 8MP(3840x2160)@30fps, 5MP (3072x1728)@30fps, 4MP(2688x1520)@30fps, 2560x1440@30fps; 2304x1926@30fps; 1920x1080@30fps, 1280x720@30fps; Sub Stream: 1920x1080@30fps, 1280x720@30fps, 720x576@30fps, 640x360@30fps, 704x288@30fps, 352x288@30fps Third Stream: 720*576@30fps, 640x360@30fps, 704x288@30fps, 352x288@30fps
On-screen Overlay	OSD: Up to 8 OSD; Privacy Mask: Up to 4 areas; ROI: up to 8 areas	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2	
Image Rotation	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90°Counterclockwise	
Audio I/O	Built-in Mic; Audio In: 1: 35 kΩ, amplitude 2 V [p-p] Audio Out: 1: impedance 600 Ω, amplitude 2 V [p-p]	
Audio Compression	G.711; G.711A, 64 Kbps, 8KHz, audio suppression; Two-way Audio: Supported	
Alarm I/O	Alarm In: 1; Alarm Out: 1	
Onboard Storage	microSD slot (SD card not included); up to 512GB	

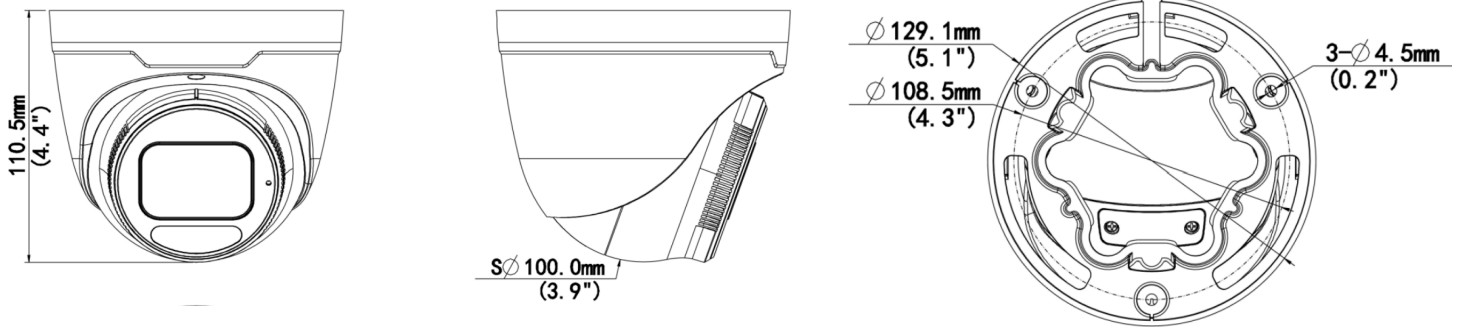
Event Handling	
DORI	Detect: 142.4ft; Observe: 57.1ft; Recognize: 28.5ft; Identify: 14.1ft
Event Type	Basic: motion detection, tampering alarm, audio detection; Intelligent: cross Line, intrusion and enter area with people, vehicle, and non-motor vehicle classifications

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, Profile G, Profile T, Profile M), API,SDK
User/Host	Up to 32 users. 2 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 50130) 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%,PoE (IEEE 802.3af); Max. 4 watts / 6 watts; Surge Protection: 4KV
Dimensions & Weight	129mm x 110mm (5.1"x4.3"), 0.69kg(1.52lb)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Reset Button	Supported
Environmental Protection	Ingression protection: IP67; Vandal resistance: IK10

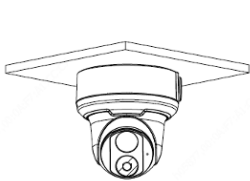
**All specifications are subject to change without further notice

DIMENSIONS

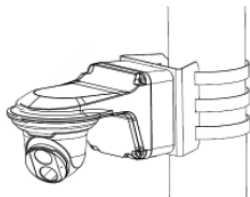


MOUNTING ACCESSORIES

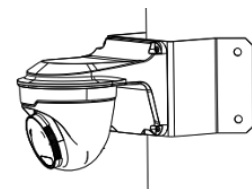
MODEL NUMBER	DESCRIPTION / APPLICATION	COMPATIBLE ACCESSORIES
TP-VDJB	Junction Box / Pendant mount	TP-UWPJ - 3/4" waterproof cable gland (not included) TP-AIPMB - Pendant mount base 200mm TP-IPME2 - Pendant extension 200mm TP-IPME5 - Pendant extension 500mm
TP-VDWM	Wall mount	TP-UWPJ - 3/4" waterproof cable gland (not included) TP-UDPM - Pole mount TP-WMCM - Corner mount
TP-VDWJ	Wall mount with junction box	TP-UWPJ - 3/4" waterproof cable gland (not included) TP-UDPM - Pole mount TP-WMCM - Corner mount
TP-VDPC	Pendant Cap (1.5" NPT) / Pendant mount with PTZ bracket	TP-PCWM - PTZ wall mount arm TP-PCPRM - PTZ Parapet mount TP-PCPDMB - PTZ Pendant mount



Ceiling mount with TP-VDJB



Pole mounted w/ TP-VDWJ wall mount & TP-UDPM pole mount



Corner mounted w/ TP-VDWM wall mount & TP-WMCM corner mount