

SMART Series 4MP Bi-Spectrum Thermal Bullet Camera TP-X2TB4A67-1Y

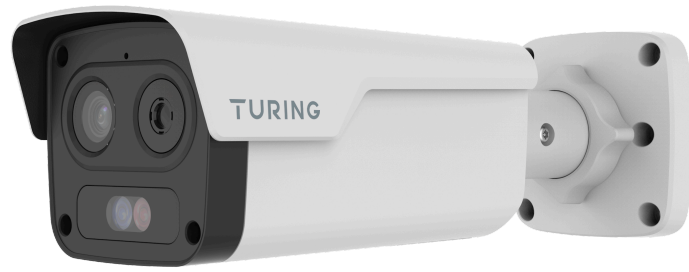


TURING

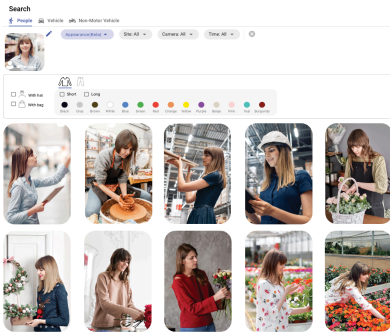
Smart Series TP-X2TB4A67-1Y is a Bi-Spectrum Thermal Bullet Camera features intelligent analytics and bi-spectrum thermal imaging for threat detection and deterrence. The included two TV-CORE1Y license offers an enhanced experience for monitoring and detecting individuals and vehicles.

KEY FEATURES

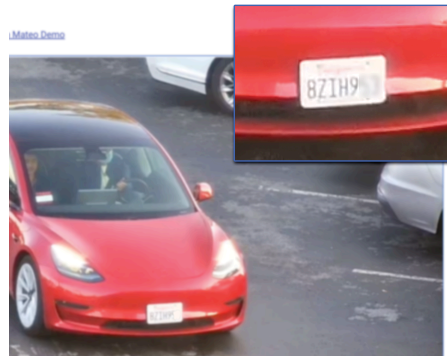
- **Bi-Spectrum Imaging:** optical and thermal views for comprehensive surveillance.
- **4MP Optical:** 6mm focal length for clear visual detail.
- **Thermal Imaging:** 256x192 sensor with 7mm lens, 960P digital scaling for enhanced detail.
- **Fusion Mode:** Superior clarity and object detection via image blending.
- **Active Deterrence:** Audible and strobe light deterrence
- **Two-Way Audio:** Built-in mic, speaker, alarm, and audio I/O.
- **Cloud Connectivity:** Connects to TURING VISION® VMS via Smart Series NVR.
- **Licenses:** Includes two TV-CORE1Y.
- **Warranty:** Up to 10-year extended (with CORE AI license).
- **Compliance:** NDAA compliant.



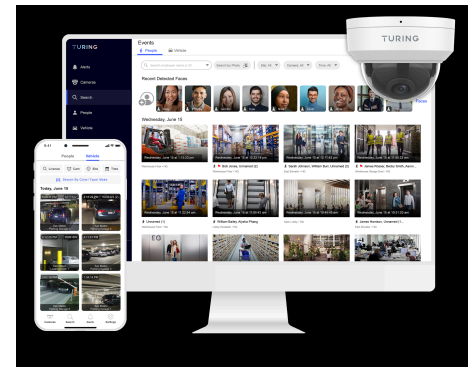
EMPOWER VIDEO SECURITY WITH TURING VISION® AND CORE AI



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-X2TB4A67-1Y
TURING VISION® SUPPORT		
TURING VISION® Cloud VMS	Included	
CORE AI License	Includes TV-CORE1Y x 2; extensions and add-ons available	
Prerequisites	Turing SMART Series NVR & bridge	
VIDEO & AUDIO		
Channel	Optical	Thermal
Image Sensor	1/2.8" 4MP 16:9 progressive scan, CMOS	256x192 @ 12 μm pixel size Vanadium oxide uncooled focal plane array
Lens	Focal Length: 6mm @F1.6;	Focal Length: 7mm @F1.6;
Field of View	HFOV:53.8°; VFOV:29.3°; DFOV:66.2°	HFOV:25°; VFOV:18.8°; DFOV:30.8°
Minimum Illumination	Color: 0.003 lux (F1.6, AGC ON); 0 lux with IR on	NA
IR LED	IR LED Range: Up to 50m (164ft); 750nm	NA
Shutter	Auto/Manual, shutter time: 1~1/100000 s	NA
Image Processing	WDR: 120 dB; S/N: >56dB; Noise reduction: 2D/3D; Defog: Digital Defog	NA
Video Encoding	Ultra 265, H.265, H.264 (Baseline profile, Main Profile, High Profile), MJPEG; ROI: Up to 8 areas	
Available Resolution and Frame Rate	Main Stream: Up to 4MP(2688x1520) ,Max 30fps Sub Stream: Up to 1080P (1920x1080), Max 30fps Third Stream: Up to D1 (720x576), Max 30fps	Main Stream: Up to 960P(1280x960) ,Max 30fps Sub Stream: Up to D1 (720x576), Max 30fps Third Stream: Up to CIF (720x576), Max 30fps
On-screen Overlay	OSD: Up to 8 OSD; Privacy Mask: Up to 8 areas	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2	NA
Image Rotation	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise	
Alarm I/O	2/2	
Audio	Built-in Mic, built-in speaker, 1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]	
Onboard Storage	microSD slot (SD card not included); up to 512 GB	
Event Handling		
DORI	Detect: 442.9ft; Observe: 177.2ft; Recognize: 88.6ft; Identify: 44.3ft	Vehicle Detect: 459.3ft; Pedestrian Detect: 229.6ft
Event Type	Basic: motion detection, tampering alarm, audio detection; Intelligent: cross line, intrusion, enter area / smoke and fire detection	Thermal: fire detection, temperature measurement measure range: -20 °C to 150 °C (-4 °F to 302 °F) and 100 °C to 550 °C (212 °F to 1022 °F) temperature accuracy: ±8 °C (±14.4 °F) or ±8% Intelligent: cross line, intrusion, enter area
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), 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: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 50130-4:2011+A1:2014) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)	
Safety Certification	CE LVD (EN IEC 62368-1:2020+A11:2020) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)	
Power	DC 12V±25%; PoE (IEEE 802.3af); Max. 12W; Surge Protection: 6KV	
Dimensions & Weight	269.1 x 95.7 x 83mm (10.6" x 3.75" x 3.25")(L x W x H), 0.95kg(2.1lb)	
Working Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)	
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)	
Reset Button	Yes	
Environmental Protection	Ingression protection: IP67; Vandal resistance IK10	

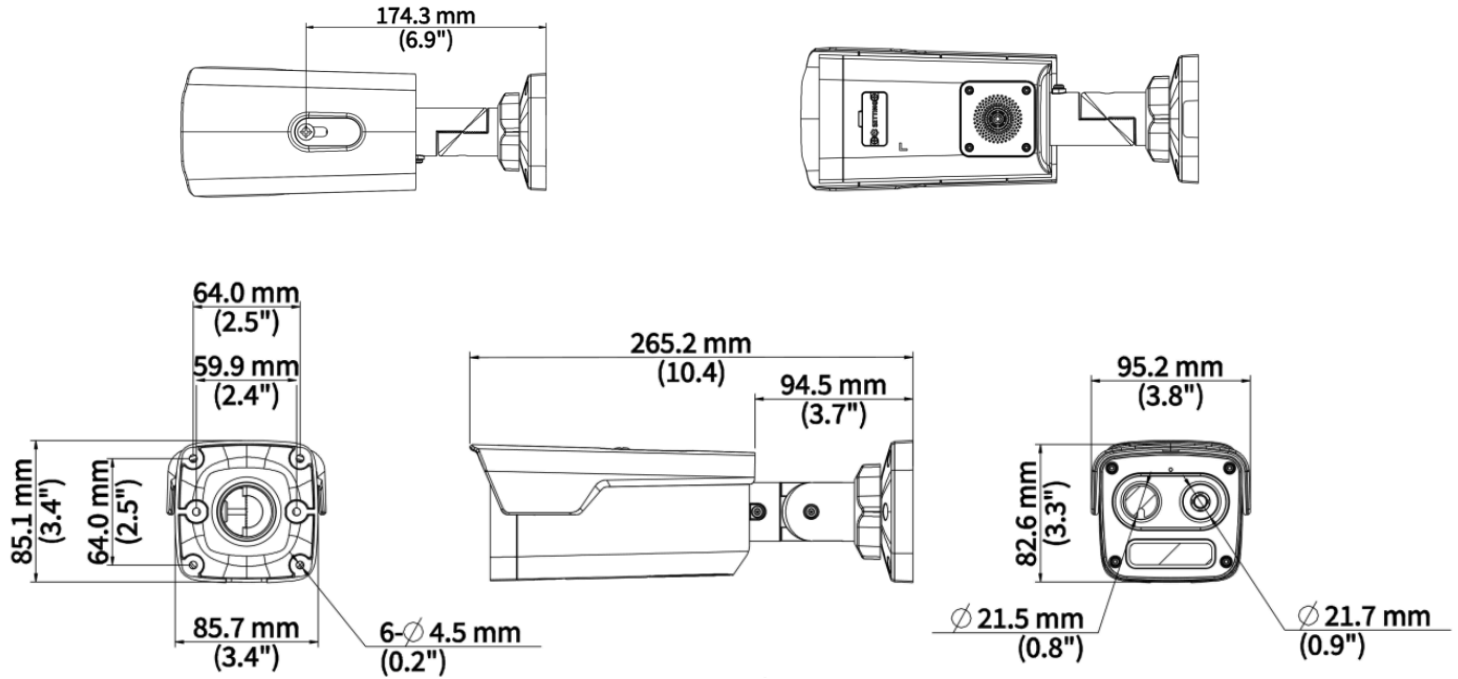
**All specifications are subject to change without further notice



ORDERING INFORMATION

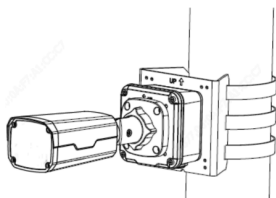
MODEL NUMBER	Bundled CORE AI	CORE AI License Add-On
TP-X2TB4A67-1Y	TV-CORE1Y 1-Year License x 2	TV-CORE1Y/3Y/5Y; TV-UPG2Y/4Y/9Y

DIMENSIONS

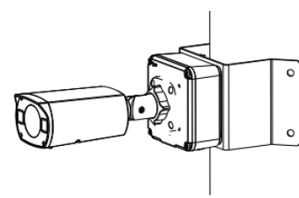


MOUNTING ACCESSORIES

MODEL NUMBER	DESCRIPTION / APPLICATION	COMPATIBLE ACCESSORIES
TP-FCBJB	Junction Box	TP-FCBPM - Pole mount TP-WMCM - Corner mount TP-UWPJ - 3/4" waterproof cable gland



Pole mounted w/ TP-FCBJB junction box and TP-FCBPM pole mount



Corner mounted w/ TP-FCBJB junction box and TP-WMCM corner mount