

SMART Series Network Dome Cameras

TP-MFD4A28(4) | TP-MFD8M28

4 or 8MP | Fixed Lens | IR LED | Superior Low Light

TURING

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**Turing CORE AI cloud VSaaS-ready
w/ SMART Series NVR & bridge**



People & vehicle detection on the edge



**TwilightVision superior day
& night low light**



**IP67 water resistance;
IK10 vandal resistance**



**Up to 10-year extended warranty
with CORE AI license**

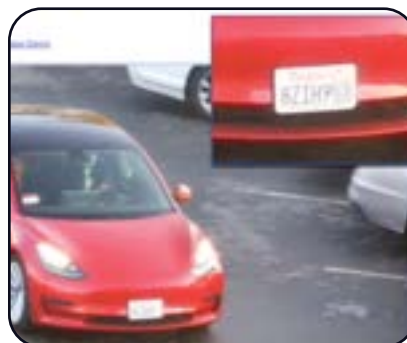


NDA A Compliant

Fast & Easy Security Workflow with CORE AI License



People* & vehicle attribute search



**License plate recognition
with black- and whitelists**



**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 know more about CORE AI



SPECIFICATIONS

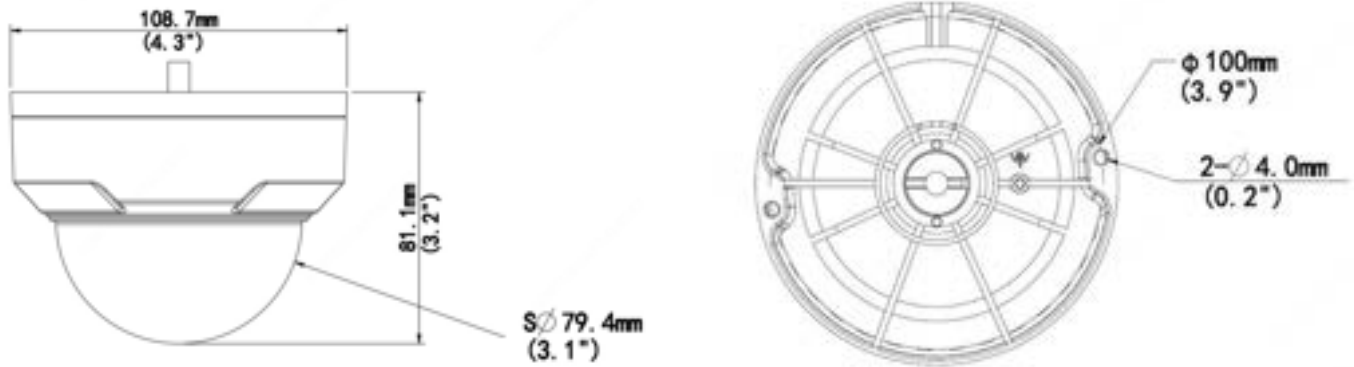


Model Number	TP-MFD4A28(4)	TP-MFD8M28
Sensor	1/3" 4MP 16:9 Progressive Scan CMOS	1/2.7" 8MP 16:9 Progressive Scan CMOS
Minimum Illumination	Color: 0.002 Lux (F1.6, AGC on); 0 Lux with IR on; IR-cut filter with auto switch	Color: 0.0025 Lux (F1.6, AGC on); 0 Lux with IR on; IR-cut filter with auto switch
Lens	TP-MFD4A28: 2.8mm; TP-MFD4A4: 4mm	2.8mm fixed lens
Field of View	TP-MFD4A28: H: 101.1°; V: 55.3°; D: 111.1° TP-MFD4A4: H: 83.7°; V: 44.9°; D: 89.2°	H: 112.4°; V: 60.1°; D: 146.1°
Manual Angle Adjustment	Pan: 3°~360°; Tilt: 0°~68°; Rotate: 3°~360°	
Supplemental Lights	IR: 850nm, up to 98 ft (30m)	
Video Encoding	Ultra 265, H.265, H.264, MJPEG	
Max Video Resolution & Frame Rate	Main Stream: 2688*1520 @ 30 FPS Sub Stream: 1280*720 @ 30 FPS Third Stream: 720*576 @ 30 FPS	Main Stream: 3840*2160 @ 20 FPS Sub Stream: 1920*1080 @ 30 FPS Third Stream: 720*576 @ 30 FPS
Digital Processing	120 dB wide dynamic range (WDR); 2D & 3D digital noise reduction; defog	
On-Screen Display & Masking	Up to 8 on-screen text fields; up to 4 privacy masks	
Image Flip & Rotation	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Counterclockwise	
Event Handling	Basic: motion detection, tampering alarm, audio detection; Intelligent: cross line, intrusion, enter area, with people, vehicle, and non-motor vehicle classifications	
Audio	1 input, 1 output	microphone, 1 input, 1 output
Cloud VSaaS Integration	Turing Vision, with SMART Series NVR, Bridge, and CORE AI license	
Software Clients	Turing Vision mobile & desktop APP; SMART Station	
ONVIF Compatibility	Profiles S, G, T	
Interfaces	Network: 1 * RJ45 10M/100M Base-TX Ethernet; Alarm: 1 input, 1 output	
Onboard Storage	microSD (not included), up to 256 GB	
Reset Button	Not Available	
Power & Protection	DC 12V±25%, PoE (IEEE 802.3af); up to 4.5W; 4KV Surge Protection	DC 12V±25%, PoE (IEEE 802.3af); up to 6.0W; 4KV Surge Protection
Dimensions & Weight	Ø4.3" x 3.2" (Ø108.7 x 81.1mm) ; 0.93lb (0.42kg)	Ø4.3" x 3.2" (Ø108.7 x 81.1mm) ; 0.93lb (0.42kg)
Temperature & Humidity Ratings	Working: -22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing) Storage: -22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)	
Certifications	FCC, UL, CE	
Environmental Protection	IP67, IK10	

ORDERING INFORMATION

Resolution	Camera Only	w/ CORE1Y	Add 1-Yr License	Add 3-Yr License	Add 5-Yr License	Add 10-Yr License
4MP	TP-MFD4A28 TP-MFD4A4	TP-MFD4A28-1Y	TV-CORE1Y	TV-CORE3Y	TV-CORE5Y	TV-CORE10Y
8MP	TP-MMB8AV2	TP-MFD8M28-1Y	TV-CORE1Y	TV-CORE3Y	TV-CORE5Y	TV-CORE10Y

DIMENSIONS



MOUNTING ACCESSORIES

