TURING

TP-MVD8MV2

8MP HD TwilightVision™ IR VF Turret Network Camera

KEY FEATURES

✓ To be used with SMART Series NVR with Turing Vision Cloud

✓ 2.8~12mm Motorized Lens

✓ Max. 8MP (3840*2160)@20fps

✓ **TwilightVision™** technology superior low-light performance

✓ Built-in Mic

✓ Smart IR, up to 40m (131 ft)

✓ Supports 256 G Micro SD card

✓ IP67, IK10, WDR

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SPECIFICATIONS

CAMERA	
Sensor	1/2.8", 8.0 megapixel, progressive scan, CMOS
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
Angle of view (H)	107.4° ~ 29.2°
Angle of View (V)	54.2° ~ 16.3°
Angle of View (O)	111.0° ~33.1°
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Digital Noise Reduction	2D/3D DNR
S/N	>56dB
IR Range	Up to 40m (131ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB

VIDEO & AUDIO	
Video Compression	Ultra 265,H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps;5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max30fps; 1080P (1920*1080), Max 30fps;
	Sub Stream: 1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
	Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

IMAGE	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	Supported
HLC	Supported
BLC	Supported

AUDIO	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

STORAGE	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR

INTELLIGENCE	
Smart intrusion Prevention	Cross line, intrusion, enter area detection
Compatible NVR	Turing SMART NVR: TR-MR(P) models

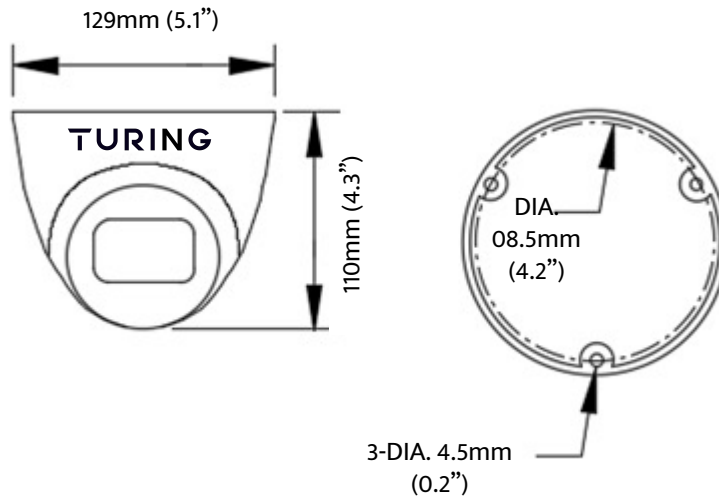| EVENTS	
Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below

INTERFACES	
Built-in Mic	Supported
Network	1 RJ45 10M/100M Base-TX Ethernet

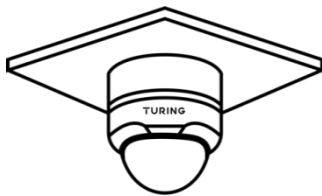| CERTIFICATIONS	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15

GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 9.0W
Dimensions (Ø x H)	Φ129 x 110mm (Ø5.1" x 4.3")
Net Weight	0.69kg (1.52lb)
Material	Metal
Working Environment	-30ºC ~ 60ºC (-22ºF ~ 140ºF), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30ºC ~ 60ºC (-22ºF ~ 140ºF), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported

TURING

DIMENSIONS

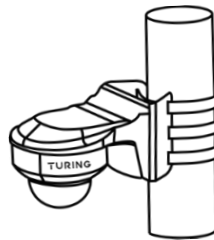129mm (5.1")

110mm (4.3")
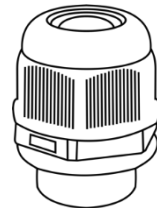
DIA.
08.5mm
(4.2")

3-DIA. 4.5mm
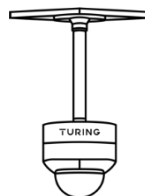(0.2")

MOUNTING

Junction Box: TP-VDJB

Pole Mount: TP-UDPM
Wall Mount: TP-VDWM
WM w/ Junc. Box: TP-VDWJ

Optional Cable Gland:
TP-UWPJ

Wall Mount: TP-VDWM
w/ Junction Box: TP-VDWJ

Pendant Mount: TP-AIPMB
Junction Box: TP-VDJB
Optional Extensions: TP-IPME2 (9") &
TP-IPME5 (22)"