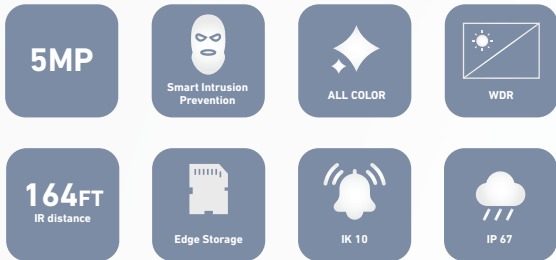


TECHNICAL PRODUCT SHEET

TDOBIM550M-AI

5MP HD Intelligent ALL-COLOR IR VF Bullet Network Camera



Key Features

- High quality image with 5MP, 1/2.7"CMOS sensor
- 5MP (2880*1620)@25fps; 4MP (2560*1440)@25fps; 3MP (2304*1296) @25fps; 2MP (1920*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- ALL-COLOR technology ensures ultra-high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Alarm:1 in/1 out, Audio: 1 in/1 out
- Smart IR, up to 50m (164ft) IR distance
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply

Specifications

TDOBIM550M-AI

Camera					
Sensor	1/2.7",5.0 megapixel, progressive scan, CMOS				
Lens	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm) • 2.7 • 13.5	Detect (m) • 60.8 • 303.8	Observe (m) • 24.3 • 121.5	Recognize (m) • 12.2 • 60.8	Identify (m) • 6.1 • 30.4
Angle of View (H)	106.25°~ 30.42°				
Angle of View (V)	56.36°~ 17.22°				
Angle of View (O)	110.34°~34.18°				
Adjustment angle	• Pan: 0° ~ 360° • Tilt: 0° ~ 90° • Rotate: 0° ~ 360°				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	• Colour: 0.002Lux (F1.2, AGC ON) • 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>56 dB				
IR Range	Up to 50m (164ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	• Main Stream:5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; • Sub Stream: 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				

Specifications

TDOBIM550M-AI

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	Supported
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Intelligent	
Smart Intrusion Prevention	Cross line, intrusion, enter area, leave area detection;
Events	
Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP Address filtering, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	• TDSS Guardian

Specifications

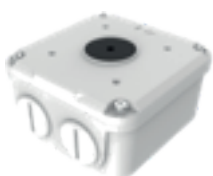
TDOBIM550M-AI

Web Browser	• Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below • Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Interface	
Audio I/O	• Input: impedance 35kΩ; amplitude 2V [p-p] • Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
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 8.0 W
Dimensions (L × W × H)	245 × 86 × 72mm (9.6" × 3.4" × 2.8")
Net Weight	0.92kg (2.0lb)
Material	Metal
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)
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	N/A

Accessories



TR-JB07-D-IN



TR-JB06-A-IN



TR-UP06-B-IN



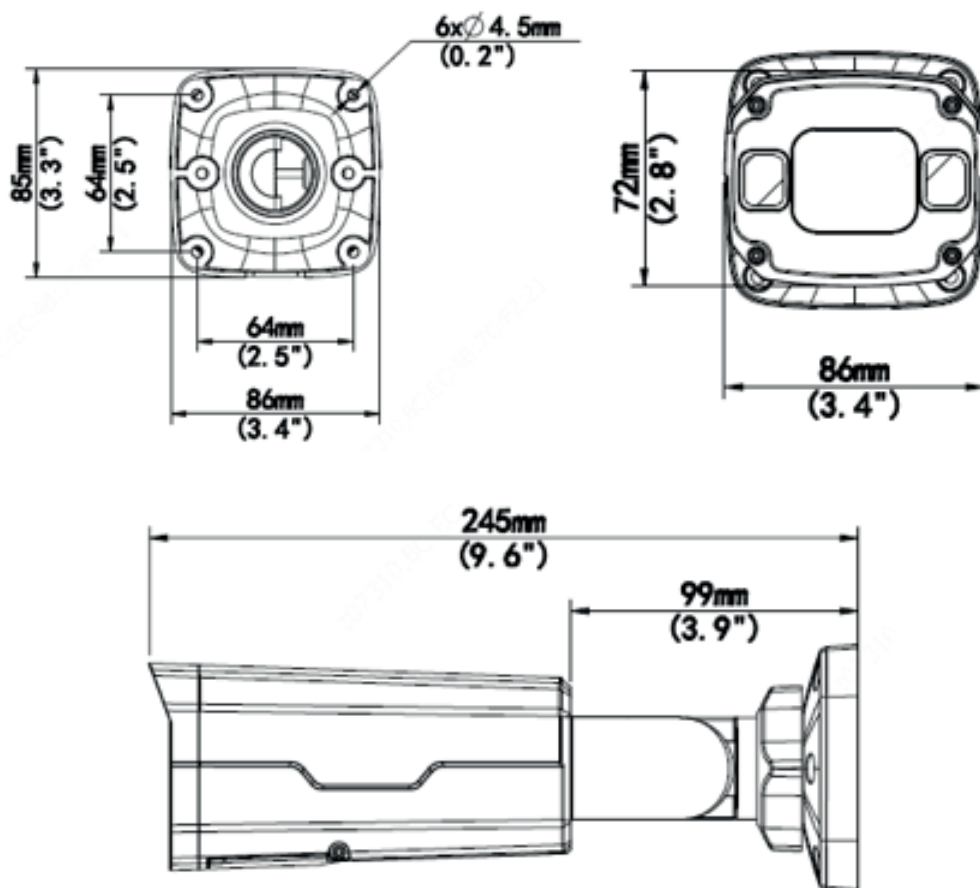
TR-UP06-C-IN

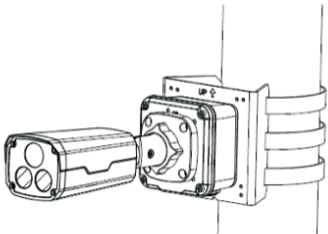
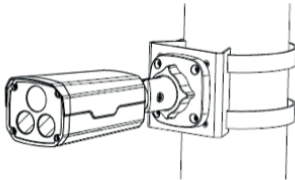


TR-A01-IN

Dimensions

TDOBIM550M-AI



Junction Mount	Pole Mount
TR-JB07-D-IN(TR-JB06-A-IN)+ TR-UP06-C-IN	TR-UP06-B-IN
	

TDSS 
SURVEILLANCE SYSTEMS

W W W . T D S S - U S A . C O M