DATA SHEET

TRINAI
Vision With Intelligence

5MP HD IR Bullet Network Camera

Model no: AI05B050L67-012F-LS

Certificate

FC C€ ROHS

key features

5MP | intrusion detection | cross line detection | WDR | Built-in Mic | Edge Storage | Corridor Mode | IP 67

- ▶ High quality image with 5MP, 1/2.7"CMOS sensor
- ▶ 5MP (2880*1620)@ 25/20fps; 4MP (2560*1440)@ 25/20fps; 3MP (2304*1296)@ 30/25fps;2MP (1920*1080)@30/25fps
- ▶ Ultra 265, H.265, H.264, MJPEG
- ▶ LightHunter technology ensures high image quality in low illumination environment
- ▶ 120dB true WDR technology enables clear image in strong light scene
- ▶ Support 9:16 Corridor Mode
- ▶ Built-in Mic
- ▶ Smart IR, up to 50m (164ft) IR distance
- ▶ Supports 256 G Micro SD card
- ▶ IP67 protection
- ▶ Support PoE power supply
- ▶ 3-Axis

Specifications

	AI05B050L67-012F-LS			
Camera				
Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS			
Minimum Illumination	Colour: 0.003 lux (F1.6, AGC ON) 0 lux with IR on			
Day/Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto/Manual, 1 ~ 1/100000s			
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
S/N	>56dB			
WDR	120dB			
Lens				
Lens Type	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens			
Iris	Fixed			
Field of View (H)	108.79° ~ 33.23°			
Field of View (V)	56.90° ~ 18.33°			
Field of View (D)	112.56° ~37.46°			
DORI				

	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0

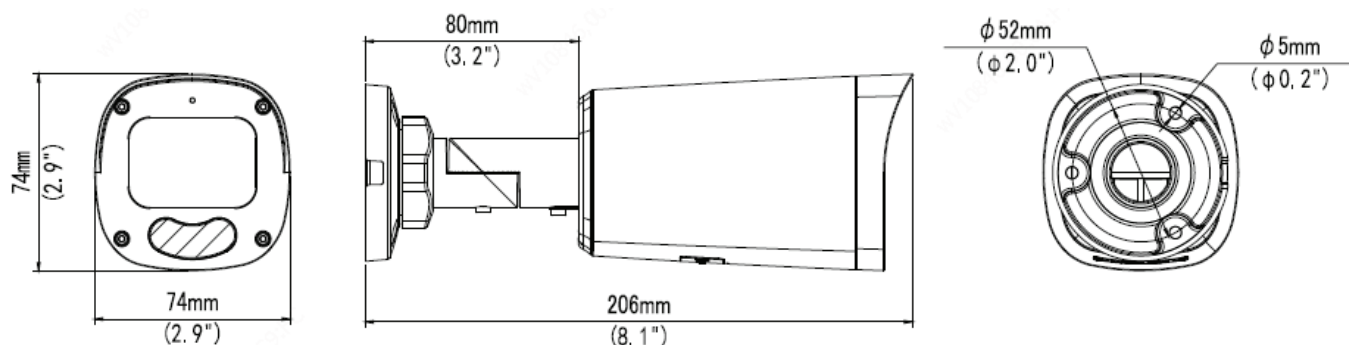| **Illuminator**	
IR Range	Up to 50m (164ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
9:16 Corridor Mode	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video stream	Dual streams
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	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
Events	
Basic Detection	Cross line, intrusion(based on human body detection)
	motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), 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
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	
Safety	

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General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 8.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L × W × H)	206 × 74 × 74mm (8.1" × 2.9" × 2.9")
Weight	0.55kg (1.2lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Strorage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support

Dimensions

Accessories

TR-JB05-B-IN	TR-UP06-C-IN	TR-A01-IN
Junction Box	Pole Mount	Waterproof Joint

Pole Mount
TR-JB05-B-IN+ TR-UP06-C-IN