DATA SHEET

TRINAI
Vision With Intelligence

3MP HD Fixed IR Bullet Network Camera

Model no: AI03B030L67-28(40)F-LS

Certificate

FC C€ ROHS

key features

| 3MP | Built-in Mic | Edge Storage | Corridor Mode | Smart IR | Ultra H.265 | HLC | IP 67 |

▶ High quality image with 3MP, 1/2.7"CMOS sensor

▶ 3MP (2304*1296)@30/25fps; 2MP (1920*1080)@30/25fps;

▶ Ultra 265, H.265, H.264, MJPEG

▶ Support 9:16 Corridor Mode

▶ Built-in Mic

▶ Smart IR, up to 30m (98ft) IR distance

▶ Supports 128 G Micro SD card

▶ IP67 protection

▶ Support PoE power supply

▶ 3-Axis

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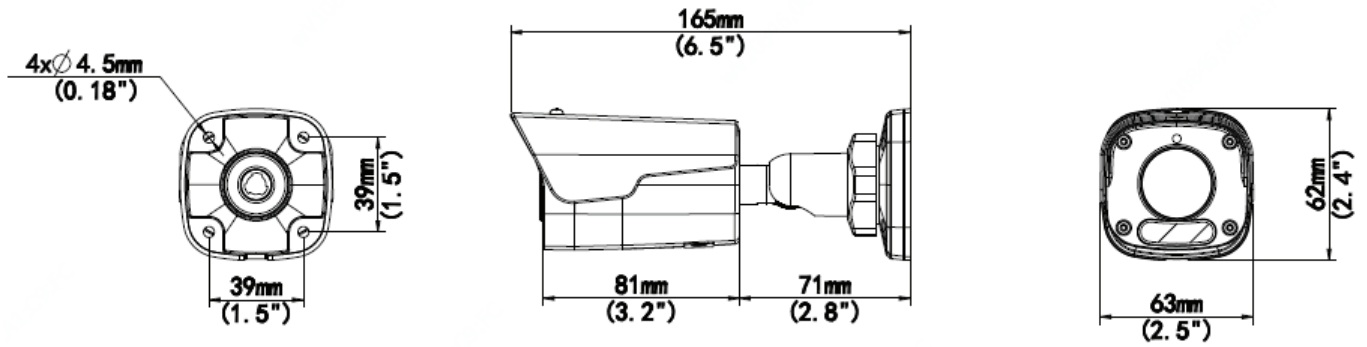## Specifications

	AI03B030L67-28(40)F-LS	AI03B030L67-28(40)F-LS
Camera		
Sensor	1/2.7", 3.0 megapixel, progressive scan, CMOS	
Minimum Illumination	Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR	
Day/Night	IR-cut filter with auto switch (ICR)	
Shutter	Auto/Manual, 1 ~ 1/100000s	
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	
S/N	>52dB	
Lens		
Lens Type	2.8mm and 4.0mm @2.0, Fixed-focal	
Lens Mount	M12	
Angle of View (H)	112.9°	91.2°
Angle of View (V)	59.1°	47.9°
Angle of View (O)	121.2°	95.9°
DORI		

	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.8	42.0	16.8	8.4	4.2
	4.0	60.0	24.0	12.0	6.0

Illuminator	
IR Range	Up to 30m (98ft) 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: 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), 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;
Video Bit Rate	128 Kbps~6144 kbps
U-code	Supported
9:16 Corridor Mode	Supported
OSD	Up to 4 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
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
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
Defog	Digital Defog
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 128GB
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, 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	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Certifications	
EMC	FCC
Safety	CE ROHS BIS
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 7.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L × W × H)	165 × 63 × 62mm (6.5" × 2.5" × 2.5")
Weight	0.39kg (0.86lb)
Material	Metal + plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
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Surge Protection	4KV
Reset Button	N/A
Ingress Protection	Ingression protection: IP67

Dimensions

Accessories

AI -UP06-B-IN	AI -JB05-A-IN	AI -UP06-C-IN	AI -A01-IN