DATA SHEET

TRINAI
Vision With Intelligence

5MP HD Mini IR Fixed Bullet Network Camera

Model no: AI04B050L67-28(40)F-LS

Certificate

FC C€ ROHS

key features

| 4MP | intrusion detection | cross line detection | EasyStar | WDR | Built-in Mic | Edge Storage | IP 67 |

▶ High quality image with 4MP, 1/3"CMOS sensor

▶ 4MP (2688*1520)@ 25/20fps; 4MP (2560*1440)@ 25/20fps;
3MP (2304*1296) @30/25fps; 2MP (1920*1080) @30/25fps;

▶ Ultra 265, H.265, H.264, MJPEG

▶ Easystar 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

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Specifications

	AI04B050L67-28(40)F-LS	AI04B050L67-28(40)F-LS		
Camera				
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS			
Minimum Illumination	Support Easystar: Colour: 0.003 lux (F1.6, AGC ON) 0Lux with IR			
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	2.8mm @F1.6	4.0mm @F1.6		
Iris	Fixed			
Field of View (H)	101.1°	83.7°		
Field of View (V)	55.3°	44.9°		
Field of View (D)	111.1°	89.2°		

DORI

DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0

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: 4MP (2688*1520), 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	Supported
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

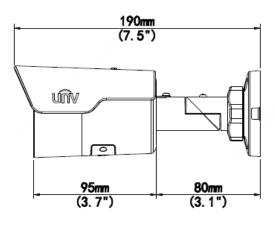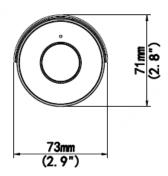| Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Cross line, intrusion(based on human body detection),motion detection, Ultra motion detection, tampering alarm, audio detection
General Function	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	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 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: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
	Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
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
Certifications	
EMC	FCC
Safety	CE ROHS BIS

General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 6.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions(L × W × H)	190×73×71mm (7.5"×2.9"×2.8")
Weight	0.45kg (0.99lb)
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

Dimensions

Accessories

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

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