

8MP LightHunter Fixed IR Turret Network Camera

IPC3638SS-ADF28K-I1





Features

- High quality image with 8MP, 1/2.8" CMOS sensor
- 8MP (3840 × 2160)@30/25 (default) fps; 5MP (3072 × 1728)@30/25 fps; 4MP (2560 × 1440)@30/25 fps; 2MP (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Intelligent Intrusion Prevention System based on target classification significantly reduces false alarms caused by leaves, birds, and lighting, accurately focusing on humans, vehicles, and non-motorized vehicles
- Intelligent People Flow Counting and Crowd Density Monitoring
- Smart intrusion prevention with Color retrieval
- Auto Scene Match (ASM) (Only WDR)
- LightHunter technology ensures ultra-high image quality in low illumination environment
- 130 dB 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, Built-in Mic
- Smart IR, up to 40 m (131ft) IR distance
- Supports up to 512 GB Micro SD Card
- IP67 protection

Specifications

Model IPC3638SS-ADF28K-I1

1





Camera	
Max Resolution	8 MP
Sensor	1/2.8" CMOS
Min. Illumination	Colour: 0.002 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° ~ 75°, Rotate: 0° ~ 360°
S/N	>56 dB
WDR	130 dB
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	97.49°
Field of View (V)	52.31°
Field of View (D)	102.29°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8mm
DORI Distance (Detect)	86.9m(285.1ft)
DORI Distance (Observe)	34.8m(114.0ft)
DORI Distance (Recognize)	17.4m(57.0ft)
DORI Distance (Identify)	8.7m(28.5ft)
Illuminator	
Supplemental Light	IR
Illumination Distance (IR)	40 m (131.2 ft)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
	Main Stream: 8MP (3840*2160), Max 30fps;5MP (3072*1728), Max 30fps;4MP (2560*1440), Max
	30fps; 1080P (1920*1080), Max 30fps;
Frame Rate	Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps;
Traine Nate	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 to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support





Winder Triple streams Image Auto Scene Match (ASM) Support (only WDR) White Balance Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2 Digital Noise Reduction 20/30 DNR Smart IR Support Flip Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise Dewarping N/A HLC Support BLC Support BLC Support BLC Support BLC Support BLC Support Poreig Digital defog Intelligent Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor-whicle and vehicle) Statistical Analysis N/A Support people flow counting and crowd density monitoring Statistical Analysis N/A People Counting Support people flow counting and crowd density monitoring Statistical Analysis N/A Basic Detection Motion detection, Ultra motion detection, Tampering alarm, Audio detection,	GIIV	
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Support Suppression Support Sampling Rate 8 kHz Storage Edge Storage Micro SD, up to 512 GB Network Storage ANR, NAS (NFS) Network IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for ONVIF Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Audio Compression	G.711U, G.711A
Suppression Support Sampling Rate 8 kHz Storage Edge Storage Micro SD, up to 512 GB Network Storage ANR, NAS (NFS) Network Protocols IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for NVIF Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Audio Bitrate	64 Kbps
Sampling Rate 8 kHz Storage Edge Storage Micro SD, up to 512 GB Network Storage ANR, NAS (NFS) Network Protocols IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPOE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Two-way Audio	Support
Edge Storage Micro SD, up to 512 GB Network Storage ANR, NAS (NFS) Network Protocols IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPOE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Suppression	Support
Edge Storage Micro SD, up to 512 GB Network Storage ANR, NAS (NFS) Network Protocols IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Sampling Rate	8 kHz
Network Protocols IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH Compatible Integration ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Web Browser Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Storage	
Protocols IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH ONVIF (Profile S, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Edge Storage	Micro SD, up to 512 GB
Protocols IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Network Storage	ANR, NAS (NFS)
Protocols FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Network	
FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH ONVIF (Profile S, Profile G, Profile M), API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Drotocole	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP,
Compatible Integration API, SDK User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Protocois	FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
User/Host Up to 32 users. 3 user levels: administrator, common user and operator 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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M),
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 Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Compatible Integration	API, SDK
Security Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Authentication for ONVIF Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	Security	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and
Client UNV-Link, UNV-Link Pro, EZStation Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Web Browser		Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest
Web Browser Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:		Authentication for ONVIF
Web Browser	Client	UNV-Link, UNV-Link Pro, EZStation
Chrome 57+, Firefox 58+, Edge 16+	Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:
		Chrome 57+, Firefox 58+, Edge 16+

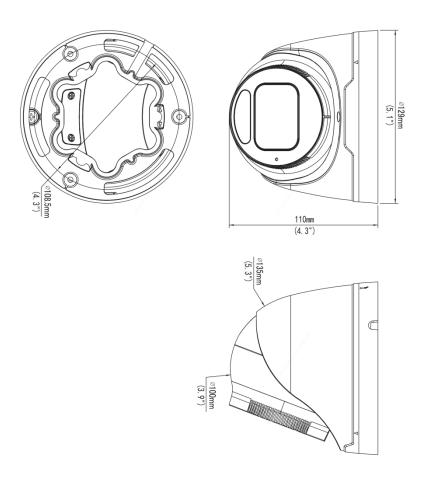


DATASHEET

Interface	
Audio I/O	1 Input: impedance 35 k Ω , amplitude 2 V [p-p], 1 Output: impedance 600 Ω , amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130)
	FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1)
	UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 8.0W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø129 x 110mm (Ø5.1" x 4.3") (Ø x H)
Weight	0.67kg (1.47lb)
Material	Metal
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian,
	French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai,
	Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese



Dimensions



Accessories

TR-JB03-H-IN

Junction Box for Metal Turret

Camera(Support wiring from behind)



TR-JB07/WM03-F-IN
Wall Mounting Assembling Bracket with
Back Hole for 3 Inch Hemisphere



TR-WM03-B-IN
Wall Mounting Assembling Bracket for 3
Inch Hemisphere







TR-UP06-IN

Universal Pole Mounting Bracket



Bullet&Dome Corner Mounting Bracket

TR-SE24-IN

Dome Pendent Mounting Pole 200mm







TR-CM24-IN



TR-SE24-A-IN

Dome Pendent Mounting Pole 500mm

Dome Pendent Mounting Bracket(Indoor)



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