

8MP+4MP Bi-Channel LightHunter Intelligent Bullet Network Camera

IPC28184EA-ADX5K-F40-I1



Features

- One IP with two channels, combines the details and full view, making target area stand out without losing overall view
- 3840 × 2160@30 fps in the main stream of detailed channel with ISP algorithm, provides high definition image
- Ultra 265, H.265, H.264, MJPEG
- Built-in dual-mic, has better sound performance
- Two types of illumination light, offer three illumination modes and support sound-light warning
- Detailed channel supports electric control and tilt angle adjustment, easier for installation and debugging
- Switching among three intelligent functions, suitable for various application scenes
- Mix-traffic detection, supports human body, motor vehicle and non-motor vehicle image capture and attribute collection, realizes data visualization management, allows users to get target information for further data analysis
- supports front-end comparison, supports blocklist and allowlist comparison, increases the concurrent detection number up to 120 faces
- Smart intrusion prevention, supports false alarm filtering, realizes accurate detection based on specific target
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Alarm I/O: 3/2, audio I/O: 2/1

Specifications

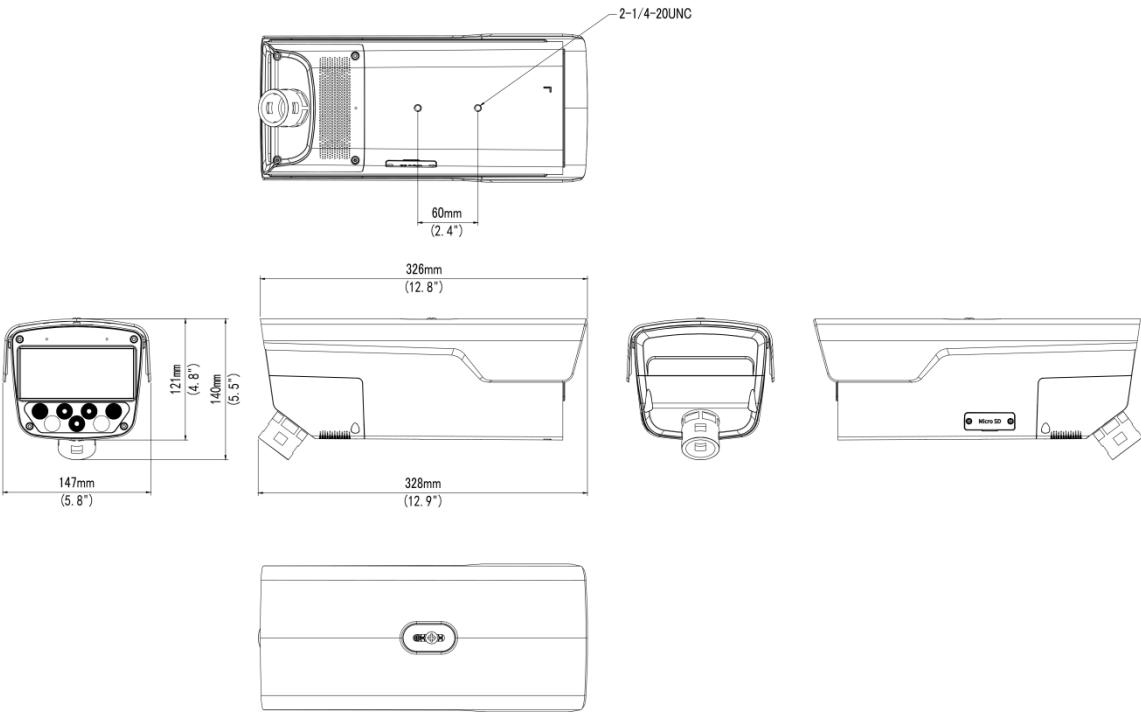
Channel	Channel 1	Channel 2
Camera		
Max Resolution	4 MP	8 MP
Sensor	1/1.8" CMOS	
Min. Illumination	Color: 0.0005 Lux (F1.0, AGC ON)	Color: 0.005 Lux (F1.6, AGC ON), 0 Lux with IR
Day/Night	N/A	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s	
WDR	120 dB	
Adjustment Angle	Tilt: -10° to 10° (electric control , for installation and debugging)	
S/N	>56 dB	
Lens		
Focal Length	4.0 mm	10 to 50 mm
Optical Zoom	N/A	5X
Iris	F1.0	F1.6
Field of View (H)	94.7°	33.8° to 8.4°
Field of View (V)	50.3°	18.8° to 4.6°
Field of View (D)	116.5°	39.9° to 10.0°
Iris Type	Fixed	DC-iris
DORI		
DORI Distance (Detect)	79.1 m (259.6 ft.)	292.5 m to 1237.5 m (959.6 ft. to 4060.0 ft.)
DORI Distance (Observe)	31.7 m (103.9 ft.)	117.0 m to 495.0 m (383.9 ft. to 1624.0 ft.)
DORI Distance (Recognize)	15.8 m (51.8 ft.)	58.5 m to 247.5 m (191.9 ft. to 812.0 ft.)
DORI Distance (Identify)	7.9 m (25.9 ft.)	29.3 m to 123.8 m (96.1 ft. to 406.2 ft.)
Illuminator		
Illumination Distance (Warm Light)	Up to 30m (98.43ft)	
Light On/Off Control	Auto/Manual	
Illumination Distance (IR)	N/A	Up to 50m (164.0ft)
Wavelength	N/A	750 nm
Supplemental Light	Dual light	
Video		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
Video Bit Rate	128 Kbps to 16 Mbps	
U-code	Support	
ROI	Support	
Video Stream	Triple streams	
OSD	Up to 10 OSDs	
Frame Rate-Main Stream	4 MP (2688 × 1520), max. 30 fps	8 MP (3840 × 2160), max. 30 fps
Frame Rate-Sub Stream	1080P (1920 × 1080), max. 30 fps	
Frame Rate-Third Stream	D1 (720 × 576), max. 30 fps	
Intelligent		

Recognition	N/A	Face Recognition: Max support 16 face libraries, Max supports 100000 faces in face library
Metadata Analyse	N/A	Support human body, human face, motor vehicle and non-motor vehicle image capture and attribute collection
Exception Detection	N/A	Object removed, Object Left Behind
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)	
People Counting	N/A	Support people flow counting and crowd density detection
Multi-target Detection	N/A	Support human body, human face, motor vehicle and non-motor vehicle image capture and attribute collection
Supports Multiple Countries	N/A	North America: United States, Canada;South America: Mexico, Brazil; EU: France, Spain, Portugal, Germany, UK, Ireland, Bulgaria, Latvia, Romania, Slovenia, Poland, Hungary, Serbia, Czech Republic, Slovakia, Bosnia and Herzegovina, Greece, Croatia, Ukraine, Lithuania, Georgia; Asia Pacific: South Korea, Indonesia, Malaysia, Singapore, Viet Nam, Bangladesh, India, Nepal, Philippines, Thailand, Cambodia;Middle East: Iraq, Saudi Arabia, United Arab Emirates, Egypt, Qatar, Tunisia, Yemen; Kuwait, Oman, Bahrain; Middle Asia: Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, Turkmenistan
Metadata of Multi-target Detection	N/A	Gender (face), Age range (face), Glasses (face), Gender (pedestrian), Mask (pedestrian), Uppper garment color (pedestrian), Lower garment color (pedestrian), Uppper garment style (pedestrian), Lower garment style (pedestrian), Bag style (pedestrian), Uppper garment color (non-montor vehicle), Uppper garment style (non-montor vehicle), Vehicle type (non-montor vehicle), Vehicle color (motor vehicle), Vehicle type (motor vehicle), Vehicle brand (motor vehicle), Plate number (motor vehicle)
Image		
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2	
Digital Noise Reduction	2D/3D DNR	
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise	

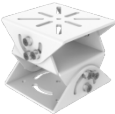
HLC	Support	
BLC	Support	
Smart IR	Support	
Defog	Digital defog	
Low Illumination Characteristics	ColorHunter with Wise-ISP	
Events		
Basic Detection	Motion detection, Tampering alarm, Audio detection	Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output	
UMD (Ultra Motion Detection)	N/A	Support
Audio		
Audio Compression	G.711U, G.711A	
Audio Bitrate	128 Kbps	
Two-way Audio	Support	
Suppression	Support	
Sampling Rate	16KHZ	
Storage		
Edge Storage	MicroSD, up to 512 GB	
Network Storage	ANR, NAS (NFS)	
Network		
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS	
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	
Security	TLS 1.3, 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	EZStation, UNV-Link, UNV-Link Pro	
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+	
Interface		
Audio I/O	2 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]	
Alarm I/O	3/2	
Serial Port	1 × RS485	
Built-in Mic	Built-in dual-mic	
Built-in Speaker	Support	
Network	1 × RJ45 10 M/100 M/1000 M Base-TX Ethernet	
Certification		
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)	
Safety	CE LVD (EN 62368-1:2014+A11:2017)	

	UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	AC 24 V±25%
Power Consumption	Max. 31 W
Power Interface	Wires with cold-pressed terminal
Dimensions	326 mm × 147 mm × 121 mm (12.8" × 5.8" × 4.8") (L × W × H)
Weight	2.11 kg (4.65 lb.)
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	6 KV
Reset Button	Support
RTC	Support
Material	Metal + Plastic
Web Client Language	22 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, Arabic, Slovak
Heater	Support
Live View	
Maximum Bitstream	35
Configurable	
P/N	Support

Dimensions



Accessories

TR-CM06-IN	TR-UV06-A-IN	TR-UP06-IN
Box Housing Ceiling Mounting Bracket	3D Adjustable Mounting Bracket	Universal Pole Mounting Bracket
		
TR-WM06-I-IN	TR-CM06-C-IN	
Wall Mounting Bracket for 28&29Housing	Panoramic Camera Ceiling Mounting Bracket	
		

Unlimited New View

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