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

IPC28184EA-ADX5K-F40-I1

Lighthunter	WDR	Large target surface and aperture	Multi-target Detection	Face recognition comparison	Smart Intrusion Prevention	People Counting

Ultra H.265

Features

- One IP with two channels, combines the details and full view, making target area stand out without losing overall view

- 3840*2160@30fps in the main stream of detailed channel with ISP algorithm, provide high definition image

- Ultra 265, H.265, H.264, MJPEG

- Built-in dual Mic, efficiently realizes the noise control by noise reduction algorithm

- 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, support human body, , motor vehicle and non-motor vehicle image capture and attribute collection, realize data visualization management, allow users to get target information for further data analysis

- Smart intrusion prevention, support false alarm filtering, realize accurate detection based on specific target

- LightHunter technology ensures ultra-high image quality in low illumination environmentAudio 2 in and 1 out, Alarm 3 in and 2 out
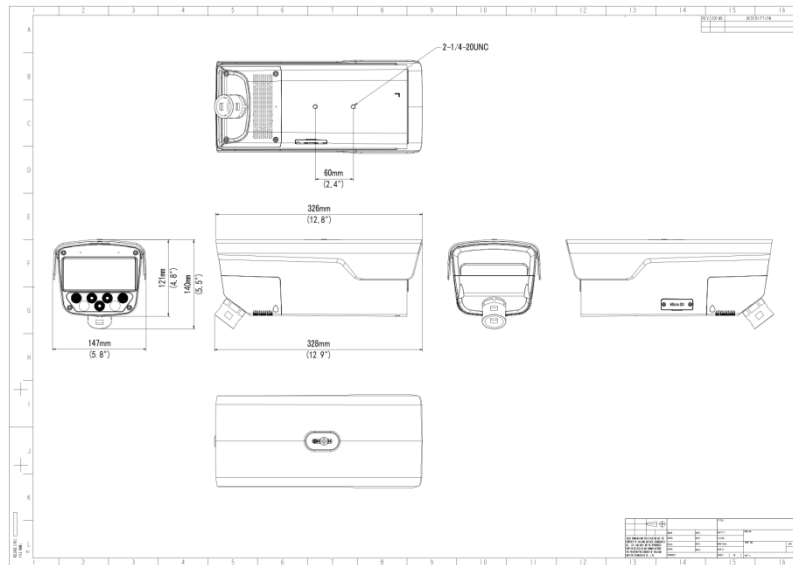
Specifications

Camera	Description	
Max Resolution	4MP	8MP
Sensor	1/1.8" CMOS	
Min. Illumination	Colour:0.0005lux (F1.0, AGC ON)	Colour:0.005lux (F1.6, AGC ON) 0 lux with IR
Day/Night	N/A	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s	
Adjustment Angle	Tilt: -10° to 10° (electric control , for installation and debugging)	
WDR	120dB	
S/N	>56dB	
Lens	Description	
Focal Length	4mm	10 ~ 50 mm
Optical Zoom	N/A	5X
Iris Type	Fixed	DC-iris
Iris	F1.0	F1.6
Field of View (H)	94.7°	33.8°~8.4°
Field of View (V)	50.3°	18.8°~4.6°
Field of View (D)	116.5°	39.9°~10.0°
DORI	Description	
DORI Distance (Detect)	79.1m(259.6ft)	292.5m(959.6ft)~1237.5m(4060.0ft)
DORI Distance (Observe)	31.7m(103.9ft)	117.0m(383.9ft)~495.0m(1624.0ft)
DORI Distance (Recognize)	15.8m(51.9ft)	58.5m(191.9ft)~247.5m(812.0ft)
DORI Distance (Identify)	7.9m(26.0ft)	29.3m(96.0ft)~123.8m(406.0ft)

Illuminator	Description	
Illumination Distance (Warm Light)	Up to 30m (98.43ft)	
Illumination Distance (IR)	N/A	Up to 50m (164.0ft)
Wavelength	N/A	750 nm
Light On/Off Control	Auto/Manual	

Video	Description	
Video Compression	Ultra 265|H.265|H.264|MJPEG	
Frame Rate-Main Stream	4MP(2688*1520), Max 30fps	8MP(3840*2160), Max 30fps
Frame Rate-Sub Stream	2MP (1920*1080), Max 30fps	
Frame Rate-Third Stream	D1 (720*576), Max 30fps	
Video Bit Rate	128 Kbps ~ 16 Mbps	
U-code	Support	
ROI	Support	
Video Stream	Triple Streams	
OSD	Up to 10 OSDs	

Image	Description	
White Balance	Auto|Outdoor|Fine Tune|Sodium Lamp|Locked|Auto2	
Digital Noise Reduction	2D/3D DNR	
Smart IR	Support	
Flip	Normal|Flip Vertical|Flip Horizontal|180°|90° Clockwise|90° Anti-clockwise	
HLC	Support	
BLC	Support	
Defog	Digital Defog	

Intelligent	Description	
Smart Intrusion Prevention	N/A	Cross line detection, Intrusion detection, Enter area detection, Leave area detection (support false alarm

		filling and the classification of human, non-motor vehicle and vehicle)
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
People Counting	N/A	Support People Flow Counting and Crowd Density Monitoring
Events	**Description**	
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	
Audio	**Description**	
Audio Compression	G.711U|G.711A	
Audio Bitrate	128 Kbps	
Two-way Audio	Support	
Suppression	Support	
Sampling Rate	16KHZ	
Storage	**Description**	
Edge Storage	Micro SD, up to 512 GB	
Network Storage	ANR|NAS (NFS)	
Network	**Description**	
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	TLS1.3|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 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

Interface	Description
Audio I/O	2 Input: impedance 1kΩ; amplitude 2.5V [p-p]|1 Output: impedance 600Ω; amplitude 2.5V [p-p]
Alarm I/O	3/2
Serial Port	1 channel RS485 interface
Built-in Mic	Built-in two mics
Built-in Speaker	Support
Network	10M/100M/1000M Base-TX Ethernet

Certification	Description
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	Description
Power	AC24V$\pm$25%
Power Consumption	Max 31w
Power Interface	Wires with cold-pressed terminal
Dimensions	326 x 147 x 121 mm (12.8" x 5.8" x 4.8") (L x W x H)
Weight	2.11kg
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support
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

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

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