DATASHEET

2MP LightHunter WDR Network Box Camera

IPC542SE-HDK-I0

Features

- High quality image with 2 MP, 1/2.8" CMOS sensor 1920 × 1080@60 fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- automatic selection of best snapshots
- People counting, supports people flow counting and crowd density monitoring, suitable for different statistical scenarios
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB optical WDR (Wide Dynamic Range)
- DC 12 V or AC 24 V or PoE (IEEE 802.3af) power supply
- Wide voltage range of ±25%
- Audio 1 in and 1 out, alarm 2 in and 1 out

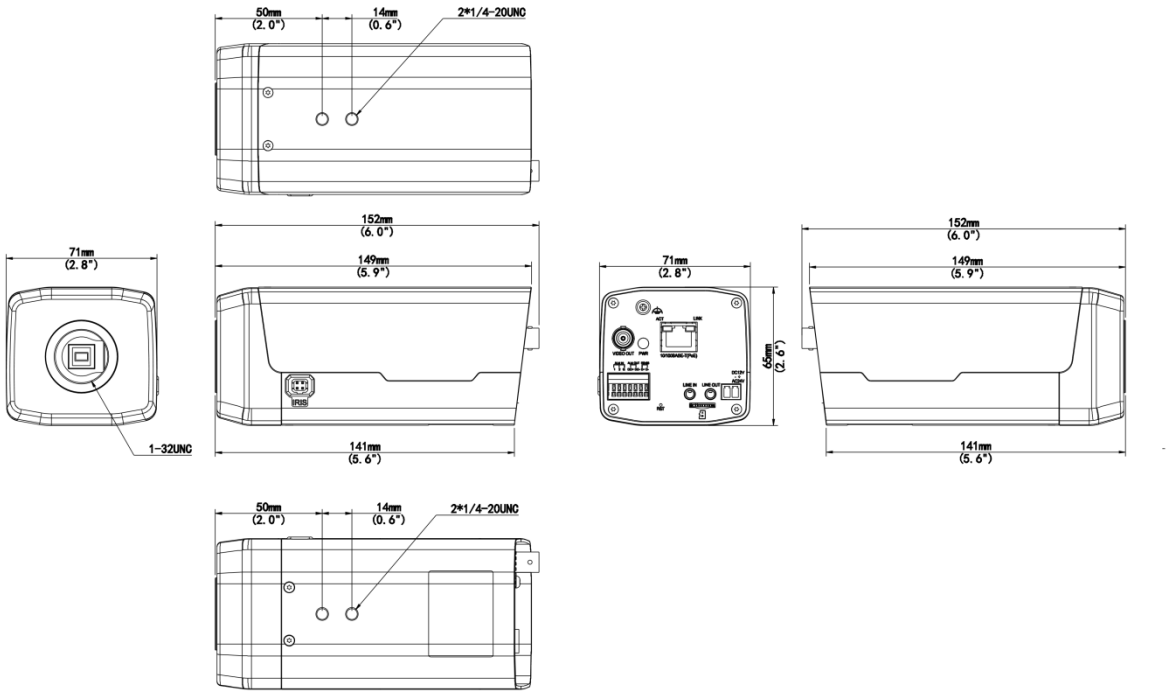
Specifications

Model	IPC542SE-HDK-I0
Camera	
Sensor	1/2.8" CMOS
Min. Illumination	Colour:0.0005lux (F1.2, AGC ON) B/W: 0.0001Lux(F1.2, AGC ON)

Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
WDR	120 dB
S/N	>52 dB
Lens	
ABF	N/A
Lens Mount	C/CS
Iris	F1.2
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate-Main Stream	2MP (1920*1080), Max 60fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
Frame Rate-Sub Stream	720P (1280*720), Max 60fps
ROI	Support
Video Stream	Triple streams
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
Frame Rate-Third Stream	D1 (720*576), Max 60fps
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
Defog	Digital defog
Heatwave Reduction	N/A
Intelligent	
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	Support people flow counting and crowd density monitoring
Exception Detection	Object removed, Object Left Behind, Scene change
Events	
Basic Detection	Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind, Scene change
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ

Storage	
Edge Storage	Micro SD, 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), 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+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Interface	
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
Alarm I/O	2/1
Serial Port	1 channel RS485 interface
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	1 BNC (for debugging)
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)
General	
Power	DC12V(±25%), AC24V(±25%), PoE(IEEE 802.3af)
Power Consumption	Max 7W
Power Interface	Two-core terminal block
Dimensions	152 x 71 x 65 mm (6.0" x 2.8" x 2.6") (L x W x H) (excluding the lens)
Weight	0.38kg (0.84lb)
Storage Environment	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 95% RH (non-condensing)
Working Environment	-20 ℃ to 50 ℃ (-4 ℉ to 122 ℉), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	6 KV
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

HS-217S-B-NB

17" Outdoor Box Camera Housing(Standard Edition)

HS-217SHB-IR-B-NB

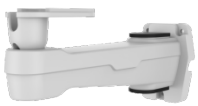
Outdoor Enhanced IR Integrated Housing(17 Inch,Plastic Sunshade,IR)

HS-217SHB-B-NB

Outdoor Enhanced Integrated Housing(17 Inch,Plastic Sunshade)

TR-WM06-C-IN

Wall Mounting Bracket for 6-inch Bullet Camera



TR-UM06-A-IN

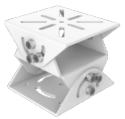
Bullet Camera Desktop Bracket

TR-UP06-IN

Universal Pole Mounting Bracket

TR-UV06-A-IN

3D Adjustable Mounting Bracket



TR-WM06-I-IN

Wall Mounting Bracket for 28&29Housing

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