12MP Ultra HD Infrared Vandal Resistant Fisheye Fixed Dome Camera

IP12VD360-IR

Key Features

- High quality image with 12MP, 1/1.7"CMOS sensor

- Max 4000x3000 resolution

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

- Ultra wide angle lens, 360° panoramic image

- Embedded infrared light, 360° fill-in light, up to 15m (49ft) IR distance

- Multiple decoding modes, supports software and hardware modes, provides interactive dynamic view

- Heatmap: Working with management platform, the data of moving objects is counted in real time on an intuitive color map

- Built-in microphone & speaker, two-way talk supported

- Supports 265 G Micro SD card

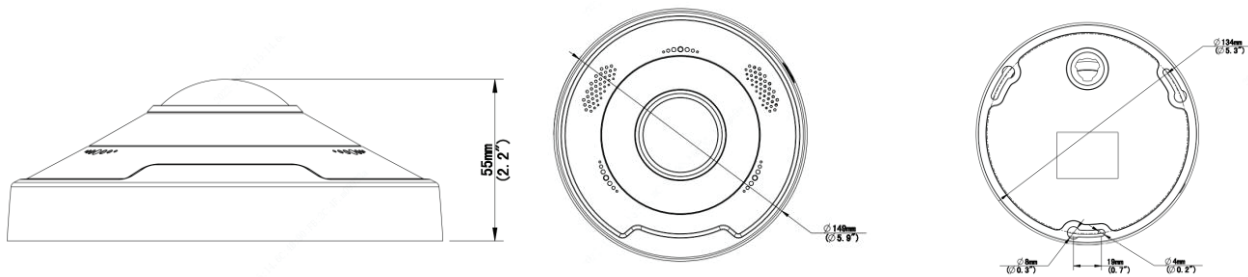- IK10 Vandal resistant / IP67 protection

Specifications

IP12VD360-IR	
Camera	
Sensor	1/1.7", 12.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR
Day / Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, shutter time: 1 ~ 1/100000s
WDR	DWDR
S/N	>52dB
Lens	
Lens type	1.8mm@F2.0
Field of View	360°
DORI	

DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	1.8	43.8	17.5	8.8	4.4

Illuminator	
IR Range	Up to 15m (49ft) IR range
wavelength	850nm
IR On/Off Control	Auto/Manual
Video	
Compression	Ultra265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Main Stream	Fisheye View: 12MP(4000*3000)@20fps;3000*3000@20fps; 2560*2560@25fps; Panorama View: 12MP(4000*3000)@20fps;3000*2000@20/25fps; 3000*1500@20/25fp; PTZ View: 1920*1080@20/25fps;
Sub Stream	Fisheye View:2000*1500@20fps;2000*2000@25fps
Third Stream	Fisheye View:D1(720*576)@20/25fps;CIF352*288)@20/25fps;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video stream	Triple streams
Live View Display	
Mount Type	Support table, wall, and ceiling
Hardware Decoding	Ceiling mount: fisheye view, fisheye + 4PTZ, horizontal panorama view、vertical panorama view Table mount: fisheye view, fisheye + 4PTZ, , horizontal panorama view、vertical panorama view Wall mount: fisheye view, fisheye + 4PTZ, panorama view
Software Decoding	Ceiling mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Table mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Wall mount: fisheye view, 180° panorama view, 180° panorama view+3PTZ, 180° panorama view+4PTZ, 180° panorama view+8PTZ

Image	
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°
Dewarping	N/A
HLC	N/A
BLC	Support
Defog	Digital Defog
Intelligent	
Smart intrusion prevention	Cross Line detection, Intrusion detection
Statistical Analysis	Heat map(Working with management platform)
Events	
Basic Detection	Motion detection, Audio detection, Tampering alarm
General Function	Watermark, IP Address Filtering, Tampering Alarm ,Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Support
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, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
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
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
	Multiple Alarm linkage editable
Built-in Mic	Two Mics
Built-in Speaker	Support
Serial	1 channel RS485 interface
Network	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]

Certifications	
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)
	CB (IEC 62368-1:2014)
	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	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)
	IK10 (IEC 62262:2002)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 12W
Dimensions (Ø x H)	Φ149 x 55mm (Φ5.9" x 2.2")
Weight	524g
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH
Strorage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH
surge protection	4kv
Reset Button	Support

Dimensions

Warranty

All Illumivue products come with a 3-year limited liability warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified, or disassembled. Warranty items only by authorized resellers. Warranty not eligible for products purchased through non-authorized online sellers.

A product that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the date of reshipment to the buyer. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number. The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed. Proof of sale may be required in order to claim warranty.