4MP IP Turret Varifocal Camera with NightColor

IP4TVF-NC.2

4MP · **Smart Intrusion Prevention** · **Lighthunter** · **WDR** · **Built-in Mic** · **Edge Storage** · **IK 10** · **IP 67**

Key Features

- High quality imaging with 4MP, 1/3"CMOS sensor

- 4MP (2688*1520)@ 30/25fps; 4MP (2560*1440)@ 30/25fps; 3MP (2304*1296) @ 30/25fps; 2MP (1920*1080) @30/25fps;

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

- Intelligent perimeter protection, including cross line, intrusion, enter area, leave area detection

- Based on target classification, smart intrusion prevention significantly reduces a false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle

- Intelligent People Flow Counting and Crowd Density Monitoring

- NightLight technology ensures ultra-high image quality in low illumination environment

- 120dB true WDR technology enables clear image in strong light scene

- Supports 9:16 Corridor Mode

- Built-in Mic

- Smart IR, up to 40m (131ft) IR distance

- Supports 256 G Micro SD card

- IK10 vandal resistant and IP67 protection
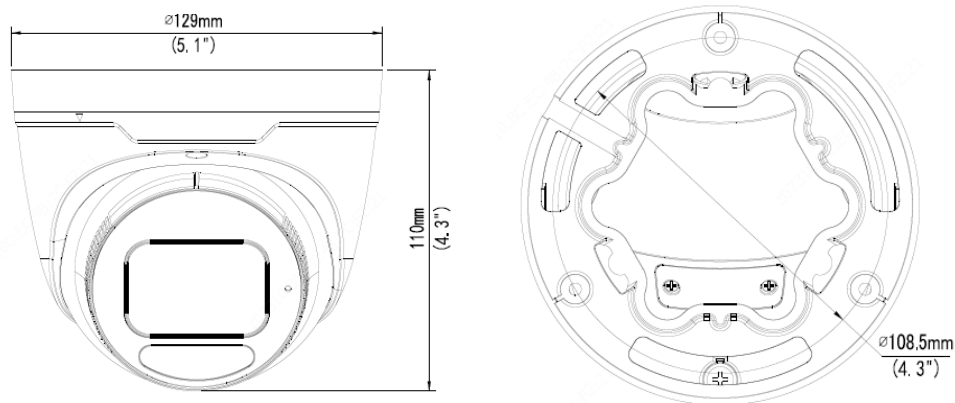
- Support PoE power supply

Specifications

	IP4TVF-NC.2
Camera	
Sensor	1/3", 4.0megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.002 lux (F1.2, 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°
WDR	120dB
S/N	>56dB
Lens	
Lens	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens
Iris	Fixed
Field of View (H)	98.26° ~ 31.35°
Field of View (V)	54.76° ~ 18.55°
Field of View (D)	127.74° ~ 36.99°

DORI

	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.7	60.8	24.3	12.2	6.1
	13.5	303.8	121.5	60.8	30.4

Illuminator	
IR Range	Up to 40m (131ft) IR range
Wavelength	850mm
IR On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265,H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps;4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,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 ~ 16 Mbps
U-code	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple streams
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise

Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog

Intelligent	
Smart intrusion prevention	Supports false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Statistical Analysis	People counting, support people flow counting and crowd density monitoring

Events	
Basic Detection	Motion detection, Ultra motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication

Audio	
Audio Compression	G.711
Audio Bitrate	64 Kbps
Suppression	Supported
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, RTMP,SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	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 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
	Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above

Interface	
Audio I/O	N/A
Alarm I/O	N/A
RS485	N/A
Built-in Mic	Supported
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A

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 7.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ129 x 110mm (Ø5.1" x 4.3")
Weight	0.69kg (1.52lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
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Surge Protection	6KV
Reset Button	Supported

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.