



IWH-22LIR

2 MP Outdoor Wi-Fi Fixed Bullet Network Camera, Colour: 0.028 Lux @(F2.0, AGC ON), BLC/HLC/3D-DNR, IP66.

Support Wi-Fi 6

Good night-time performance with up to 30 m IR and 30 m white light

Built-in microphone and speaker, support two-way audio

Support Human and Vehicle Detection

Water and dust resistant (IP66)

Support on-board storage up to 512 GB (SD card slot)

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Colour: 0.01 Lux @(F2.0, AGC ON), B/W: 0 Lux with IR
Max. Resolution	1920 × 1080
Shutter Time	1/3 ÷ 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Angle Adjustment	<i>Pan: 0° ÷ 360°; Tilt: 0° ÷ +90°; Rotation: 0° ÷ 360°</i>

Lens

Depth of Field	2.8 mm: 0.8 m~∞
Aperture	F2.0
Iris Type	Fixed
FOV	<i>Horizontal field of view: 101° Vertical field of view: 56° Diagonal field of view: 118°</i>
Lens Mount	M12

DORI

DORI	D: 43 m, O: 17 m, R: 8 m, I: 4 m
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Illuminator

Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Supplement Light Type	IR, White Light
Smart Supplement Light	Yes

Video

Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 768 × 432) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 768 × 432)
Sub-Stream	50 Hz: 25 fps (768 × 432) 60 Hz: 30 fps (768 × 432)
Video Compression	Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream

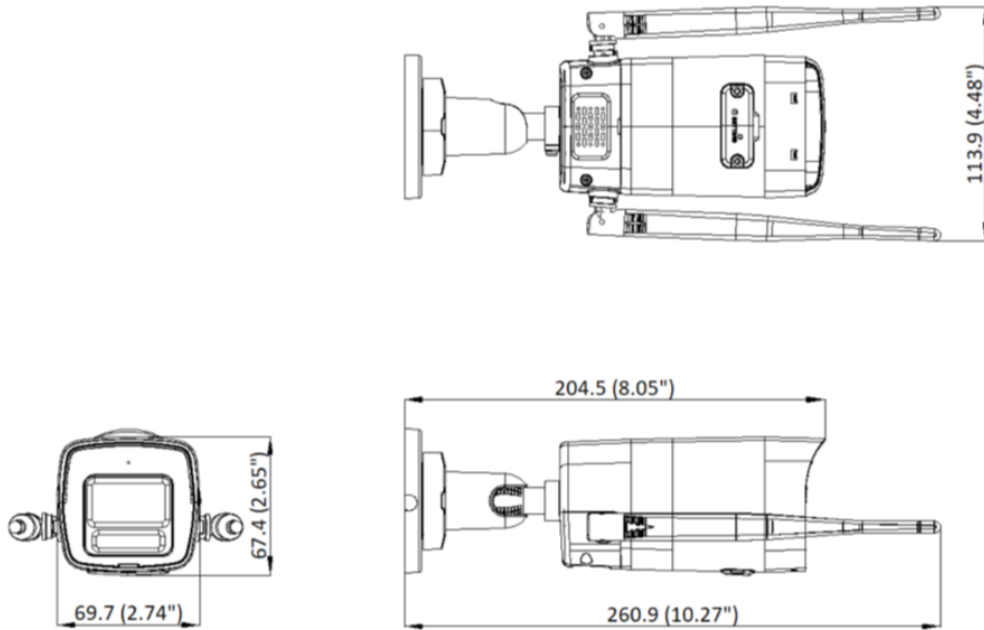
Audio

Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Type	Mono sound
Audio Compression	G.711(ulaw)/(AAC-LC)
Audio Bit Rate	64 kbps (G.711ulaw)/16 to 64 kbps (AAC-LC)

Network

Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open
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Protocols	Network Video Interface, security audit log, host authentication (MAC address) TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, UPnP
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	Wired network: CTR-MAZI, CMS-MAZI CMS-MAZI
Web Browser	Local service: IE 11, Chrome 57.0+, Firefox 52.0+, Edge 89+
Wi-Fi	
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz
Wi-Fi Protocol	IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11ax
Modulation	802.11b: DBPSK, DQPSK, CCK, 802.11g: BPSK, QPSK, 16QAM, 64QAM, 802.11n: BPSK, QPSK, 16QAM, 64QAM, 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Transfer Rate	11b: up to 11 Mbps, 11g: up to 54 Mbps, 11n: up to 150 Mbps, 11ax: up to 114 Mbps
Image	
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D-DNR
Image Setting	Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacy masks
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), exception
Linkage	Notify surveillance center, send email, trigger recording, trigger capture, audible warning
Interface	
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	Yes
Built-in Speaker	Yes
Reset Key	Yes
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
General	
Language	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection
Power	12 Vdc ± 25%, 0.55 A, max. 6.5 W, Φ 5.5 mm coaxial plug power, reverse polarity protection, switching adapter included in the package.
Operating and Storage Conditions	-30 °C ÷ +60 °C (-22 °F ÷ +140 °F), humidity 95% or less (non-condensing)
Material	Plastic
Dimensions	Camera: 260.9 × 113.9 × 67.4 mm (10.3" × 4.5" × 2.7") Package: 300 × 130 × 100 mm (10.2" × 5.1" × 4.9")
Weight	Camera: approx. 310 g (0.68 lb.) With package: approx. 550 g (1.12 lb.)
Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014
RF	CE-RED: EN 301489-1 V2.1.1(BT or 2.4G); EN 301489-17 V3.1.1 (BT or 2.4G); EN 300328 V2.1.1 (BT or 2.4G); EN 62311:2008 (BT or 2.4G)
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP66: IEC 60529-2013



Unit: mm (inch)