



IWH-42LI-UH

4 MP Fixed Bullet Network Camera, 2.8 mm fixed lens, 30 m IR range, built-in microphone, human and vehicle detection, PoE, IP67.

High quality imaging with 4 MP resolution
 Support Human and Vehicle Detection
 Smart Hybrid Light: advanced technology with long range
 Built-in microphone for real-time audio security
 Efficient H.265+ compression technology
 Water and dust resistant (IP67)

Camera

Image Sensor	1/3" Progressive Scan CMOS
Max Resolution	2560 × 1440
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 ÷ 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment (bracket)	<i>Pan: 0° ÷ 360°; Tilt: 0° ÷ 90°; Rotation: 0° ÷ 360°</i>

Lens

Lens Type	Fixed focal lens
Focal length	2.8 mm
Aperture	F1.6
Iris Type	Fixed
FOV	<i>Horizontal field of view: 98° Vertical field of view: 54° Diagonal field of view: 114°</i>
Lens Mount	M12

Illuminator

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

Video

Main Stream	50 Hz: 20 fps @(2560 × 1440); 25 fps @(1920 × 1080, 1280 × 720) 60 Hz: 20 fps @(2560 × 1440); 24 fps @(1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps @(1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps @(1280 × 720, 640 × 480, 640 × 360)
Video Compression	<i>Main stream: H.265+/ H.265/ H.264+/H.264 Sub-stream: H.265/H.264/MJPEG</i>
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 kbps to 8 Mbps
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream

Audio

Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 kbps (G.711 ulaw)/64 kbps (G.711 alaw)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 160 kbps (MP2L2)/16 to 64 kbps (AAC-LC)

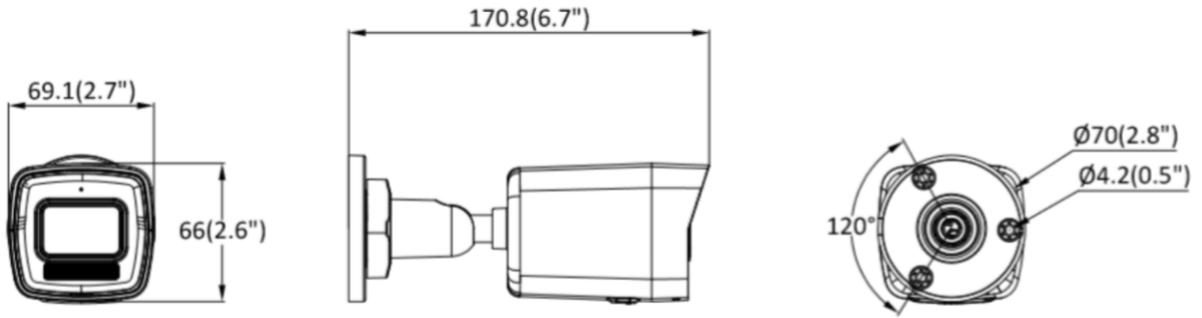
DORI

DORI	D: 63 m; O: 25 m; R: 12 m; I: 6 m
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Image

Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Privacy Mask	4 programmable polygon privacy masks

Image Enhancement	BLC, HLC, 3D-DNR
Image Setting	Rotate mode, Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Network	
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP
API	Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users; 3 user levels: administrator, operator and user
Client	CMS-MAZi, CTR-MAZi
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+
Interface	
Ethernet Interface	1 RJ45 10/100 M self-adaptive Ethernet port
Built-in Microphone	Yes
Event	
Basic event	Motion detection (support alarm triggering by specified target types (human and vehicle), video tampering alarm, exception
Linkage	Upload to FTP/memory card, send email, notify surveillance center, trigger capture
General	
Operating and Storage Conditions	-30 °C ÷ +60 °C (-22 °F ÷ +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 Vdc ± 25%; 0.4 A max.; Ø 5.5 mm coaxial power plug, reverse polarity protection; PoE IEEE 802.3af, Class 3, max. 6.5 W
Language	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Material	Metal & Plastic
Camera Dimension	170.8 × 66 X 69.1 mm (6.7" × 2.6" × 2.7")
Package Dimension	216 × 121 × 118 mm (8.5" × 4.8" × 4.6")
Camera Weight	Approx. 270 g (0.6 lb.)
With Package Weight	Approx. 481 g (1.1 lb.)
Approval	
EMC	FCC: 47 CFR Part 15, Subpart B, CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7
Safety	UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP67: IEC 60529-2013



Unit: mm (inch)