

IVH-42LAX

4 MP Varifocal Turret Network Camera, 2.8~12 mm motorized lens, support human and vehicle detection, 30 m IR range, metal + plastic, PoE, IP67.

High quality imaging with 4 MP resolution
Support Human and Vehicle Detection
2.8~12 mm motorized varifocal lens for easy installation and monitoring
Up to 256 GB memory card slot for storage
Water and dust resistant (IP67)
EXIR 2.0: advanced infrared technology with long IR range
Clear imaging even with strong back lighting due to 120 dB WDR technology
Efficient H.265+ compression technology

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 x 1440
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s ÷ 1/100,000 s
Day &Night	IR cut filter
Angle Adjustment	*Pan*: 0° ÷ 360°; *Tilt*: 0° ÷ 75°; *Rotate*: 0° ÷ 360°
Lens	
Lens Type	Varifocal motorized lens,2.8 ~ 12 mm
Aperture	F1.6
Iris Type	Fixed
Field of View	*Horizontal* FOV 95.9° ÷ 29.2°; *Vertical* FOV 50.6° ÷ 16.4°; *Diagonal* FOV 114.7° ÷ 33.5°
Lens Mount	Ø 14
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Main Stream	50 Hz: 20fps @(2560 × 1440), 25fps @(1920 × 1280, 1280 × 720) 60 Hz: 20fps @(2560 × 1440), 24fps @(1920 × 1280, 1280 × 720)
Sub-stream	50 Hz: 25fps @(1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24fps @(1280 × 720, 640 × 480, 640 × 360)
Video compression	Main stream: H.265+/H.265/H.264+/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
Region of Interest	1 fixed region for main stream
Audio	
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 160 kbps (MP2L2)/16 to 64 kbps (AAC-LC)
Audio Sampling Rate	8/16 kHz
Environment Noise Filtering	Yes
Image	
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, HLC, 3D-DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Network	
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK

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)
User/Host	Up to 32 users | 3 levels: Administrator, Operator, and User
Client	CTR-MAZi, CMS-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
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Audio	1 input(s) (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 kΩ, interface type: non-equilibrium, 1 output(s) (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 12 Vdc, 30 mA)
Reset Key	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, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output
General	
Operating and Storage Conditions	-30 °C ÷ 60 °C (-22 °F ÷ 140 °F), humidity: 95% or less (non-condensing)
Power	12 Vdc ± 25%, 0.75 A, Max 11 W, Ø 5.5 mm coaxial power plug; PoE 802.3af, class 3, 36 ÷ 57 V), 0.27 ÷ 0.17 A, Max: 10 W
Language	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Dimensions	Camera: Ø 129.4 × 116.4 mm (5.1" × 4.6") With package: 170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")
Weight	Camera: ~595 g (1.3 lb.) With package: ~880 g (1.9 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

