



IVH-51LAX

5 MP Motorized, Varifocal, Turret, Network Camera, 2.8~12 mm, 0.005 Lux, 30 m IR, metal + plastic, IP67

High quality imaging with 5 MP resolution
Efficient H.265+ compression technology
Clear imaging even with strong back lighting due to 120 dB WDR
Up to 256 GB memory card slot for storage
2.8 ~ 12 mm motorized varifocal lens for easy installation and monitoring
Water and dust resistant (IP67)
EXIR 2.0: advanced infrared technology with long IR range

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 x 1920
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	<i>Pan:</i> 0° ÷ 360°
	<i>Tilt:</i> 0° ÷ 75°
	<i>Rotate:</i> 0° ÷ 360°
Lens	
Lens type	Varifocal lens, motorized lens, 2.8 ~ 12 mm
Aperture	F1.6
Iris Type	Fixed
Field of View	<i>Horizontal</i> FOV 96° ÷ 29°; <i>Vertical</i> FOV 69° ÷ 22°; <i>Diagonal</i> FOV 131° ÷ 37°
Lens Mount	Ø 14
Illuminator	
Supplement Light Type	IR
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (2560 × 1920)
	25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
	60 Hz: 20 fps (2560 × 1920)
Sub-Stream	30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)
	60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	<i>Main stream:</i> H.265+/H.265/H.264+/H.264 <i>Sub-stream:</i> H.265/H.264/MJPEG
Video Bit Rate	32 kbps ÷ 16 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region of Interest (ROI)	1 fixed region for main stream
Image	
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, 3D-DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled, day, night
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
API	Open Network Video Interface, ISAPI
Simultaneous Live View	Up to 6 channels
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+
Plug-in free live view: Chrome 57.0+, Firefox 52.0+
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 microSD/SDHC/SDXC slot, up to 256 GB
Reset key	Yes

Event

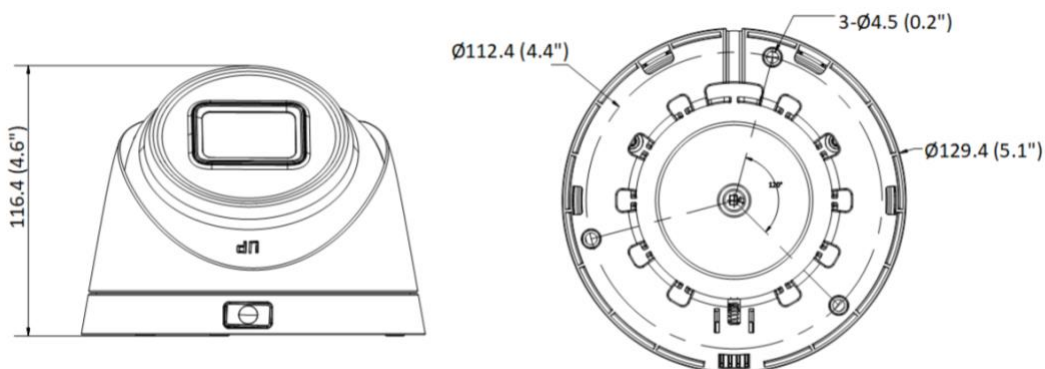
Basic Event	Motion detection, video tampering, exception
Linkage	Upload to FTP, notify surveillance center, send email, upload to memory card, trigger recording, trigger capture

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. 9 W, Ø 5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 to 57 V, 0.27 to 0.17 A, max. 10 W
Material	Cover: plastic; Main body: metal
Dimensions	Camera: Ø 129.4 mm × 116.4 mm (Ø 5.1" × 4.6") With package: 170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")
Weight	Camera: ~590 g (1.3 lb.) With package: ~900 g (2.0 lb.)
Language	English, Ukrainian
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter

Approval

EMC	FCC SDc: 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 VoC: ICES-003: Issue 7; KC: KN 32: 2015, KN 35: 2015
Safety	UL: UL 62368-1; CB: IEC 62368-1:2014+A11; CE-LVD: EN 62368-1:2014/A11:2017;
Environment	BIS: IS 13252(Part 1):2010/IEC 60950-1: 2005 CE-RoHS: 2011/65/EU; WEEE: 2012/19/EU;
Protection	Reach: Regulation (EC) No 1907/2006 IP67: IEC 60529-2013



Unit: mm (inch)