



IVH-51LIX

5 MP IR Fixed, Turret, Network Camera, 2.8 mm, 0.01 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
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 × 1920
Min. Illumination	Colour: 0.01 Lux @(F2.0, 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	Fixed focal lens, 2.8 mm
Aperture	F2.0
Field of View	<i>Horizontal FOV</i> 98°; <i>Vertical FOV</i> 71.7°; <i>Diagonal FOV</i> 127°
Lens Mount	M12
Iris Type	Fixed

Illuminator

Supplement Light Type	IR
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm

Video

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
Main Stream	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Image Enhancement	BLC, 3D-DNR
Image Settings	Saturation, brightness, contrast and sharpness are adjustable via client software and web browser
Day/Night Switch	Auto/Scheduled/Day/Night

Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream.

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: <i>Administrator</i> , <i>Operator</i> and <i>User</i>
Client	CTR-MAZi, CMS-MAZi

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+

Image

Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule, Day, Night
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, 3D-DNR

Interface

Communication Interface	1 RJ45 10/100 M self-adaptive Ethernet port
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Event

Basic Event	Motion detection, video tampering, exception
Linkage	Upload to FTP, notify surveillance center, send email

General

Operating & Storage Conditions	-30 °C ÷ 60 °C (-22 °F ÷ 140 °F), humidity: 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Power	12 Vdc ± 25%, 0.4 A, max. 5 W, Ø 5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 to 57 V, 0.2 to 0.15 A, max. 6.5 W
Protection Level	IP67
Material	Camera body: metal, bottom base: plastic
Dimensions	Camera: Ø 110 × 85.3 mm (4.3" × 3.4") With package: 150 × 150 × 141 mm (5.9" × 5.9" × 5.6")
Weight	Camera: ~330 g (0.7 lb) With package: ~570 g (1.3 lb)

Approval

EMC	FCC SDoC: 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; 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

