



IVH-41LAX

Network Turret camera, motorized lens, 4 MP, 2.8~12 mm, 0.01 lux, 30 m IV, metal + plastic, IP67

1/3" Progressive Scan CMOS
2560 × 1440@20fps
2.8 mm ÷ 12 mm varifocal lens
H.265+, H.265, H.264+, H.264
Dual stream
3D-DNR
Up to 30 m IR range
IP67

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Colour: 0.001 Lux @(F1.2, AGC ON), 0.02 Lux @(F1.6, AGC ON)
Shutter Speed	1/3 s ÷ 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D-DNR
Angle Adjustment	<i>Pan:</i> 0° ÷ 360° <i>Tilt:</i> 0° ÷ 75° <i>Rotate:</i> 0° ÷ 360°

Lens

Focal length	2.8 mm ÷ 12 mm
Aperture	F1.6
Focus	Auto
Field of View	<i>Horizontal FOV</i> 92.8° ÷ 29° <i>Vertical FOV</i> 50.2° ÷ 16.4° <i>Diagonal FOV</i> 109° ÷ 32.3°
Lens Mount	Ø 14

IR

IR Range	Up to 30 m
Wavelength	850 nm

Compression Standard

Video Compression	<i>Main stream:</i> H.265/H.264 <i>Sub-stream:</i> H.265/H.264/MJPEG
Video Bit Rate	32 Kbps ÷ 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main Stream supports
H.265+	Main Stream supports

Smart Feature-Set

Region of Interest	1 fixed region for main stream and sub-stream
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Image

Max. Resolution	2560 × 1440
Main Stream	50 Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60 Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)
Max.Frame Rate	
Sub-stream	50 Hz: 25fps (640 × 480, 640 × 360, 320 × 240)
Max.Frame Rate	60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
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

Alarm Trigger	Motion detection, video tampering, network disconnected, IP address
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Network Storage	conflict, illegal login, HDD error, HDD full Support built-in micro SD/SDHC/SDXC card (128 G), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	5.5.52
API	ONVIF (PROFILE S, PROFILE G), 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	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Interface

Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes

General

Operating Conditions	-30 °C ÷ 60 °C (-22 °F ÷ 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 Vdc ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3) 12 Vdc, 1 A, Max: 11 W
Power Consumption and Current	PoE: (802.3af, 36 V ÷ 57 V), 0.4 A ÷ 0.2 A, Max: 12.5 W
Protection Level	IP67
Material	Camera body: metal, bottom base: plastic
Dimensions	Camera: Ø 129.4 mm × 116.4 mm (5.1" × 4.6") With package: 170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")
Weight	Camera: 560 g (1.2 lb.) With package: 850 g (1.9 lb.)

