



## IVH-51LAX

Network Turret camera, motorized lens, 5MP, 2.8~12mm, 0.01lux, 30m IR, metal + plastic, IP67

1/2.7" Progressive Scan CMOS  
 2560 × 1920 @15fps  
 Color: 0.01 Lux @(F1.2; AGC ON), 0.02  
 Lux @ (F1.6, AGC ON)  
 2.8 to 12 mm varifocal lens  
 H.265+, H.265, H.264+, H.264  
 3D Digital Noise Reduction  
 IP67

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2; AGC ON), 0.02 Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120 dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Focal length	2.8 to 12 mm
Aperture	F1.6
Focus	Auto
FOV	Horizontal FOV: 98° to 28° Vertical FOV: 71° to 21° Diagonal FOV: 130° to 35°
Lens Mount	Φ14
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8Mbps
Smart Feature-set	
Region of Interest	Support 1 fixed region for main stream and sub-stream

Image	
Max. Resolution	2560 × 1920
Main Stream	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 2.5fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 3.0fps (640 × 480, 640 × 360, 320 × 240)
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	
Network Storage	Support MicroSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, UDP, Bonjour, 802.1x, CMS-MAZi
General Function	One-key reset, 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 Micro SD/SDHC/SDXC slot, up to 128G
Video Out	No
Reset Button	Yes
General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%   PoE: 802.3af, class 3
Power Consumption and Current	12 VDC, 0.9 A, max. 11 W   PoE (802.3af, 36 to 57 V), 0.4 A to 0.3 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: 450 g (1 lb.) With package: 850g (1.9 lb.)

