



IWH-41LIX

4 MP IR Fixed Network Bullet Camera, Clear imaging against strong backlight due to 120 dB WDR technology, Focus on human and vehicle targets classification based on deep learning.

1/3" Progressive Scan CMOS
 2560 × 1440 @20fps
 2.8 mm fixed lens
 H.265+, H.265, H.264+, H.264
 Dual stream
 120 dB WDR (Wide Dynamic Range)
 3D-DNR
 IR range: Up to 30 m
 PoE (Power over Ethernet)
 IP67

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Colour: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @(F2.0, AGC ON)
Shutter Speed	1/3 ÷ 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
WDR	120 dB
Angle Adjustment (bracket)	<i>Pan: 0° ÷ 360°; Tilt: 0° ÷ 180°; Rotation: 0° ÷ 360°</i>

Lens

Focal length	2.8 mm
Aperture	F2.0
Focus	No
FOV	<i>Horizontal field of view: 100° Vertical field of view: 55° Diagonal field of view: 117°</i>
Lens Mount	M12

Illuminator

IR Range	Up to 30 m
Wavelength	850 nm

Video

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

Smart Feature-set

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

Max. Resolution	2560 × 1440
Main Stream	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Max. Frame Rate	60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)
Max. Frame Rate	60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D-DNR
Image Parameters Switch	Yes
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule

Network

Network Storage	NAS (NFS, SMB/CIFS)
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Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	5.5.3
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G), ISAPI, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	CMS-MAZi, CTR-MAZi
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10/100 M self-adaptive Ethernet port
General	
Operating Conditions	-30 °C ÷ +50 °C (-22 °F ÷ +122 °F), humidity 95% or less (non-condensing)
Power Supply	12 Vdc ± 25%; 5.5 mm coaxial power plug PoE (802.3af, Class 3)
Power Consumption and Current	12 Vdc, 0.4 A, max. 5 W PoE: (802.3af, 36 ÷ 57 V), 0.2 ÷ 0.13 A, max. 7 W
Protection Level	IP67 TVS 2000 V lightning protection, surge protection and voltage transient protection
Material	Metal & Plastic
Camera Dimension	Ø 70 × 172.7 mm (Ø 2.7" × 6.8")
Package Dimension	216 × 121 × 118 mm (8.5" × 4.8" × 4.6")
Camera Weight	Approx. 280 g (0.62 lb.)
With Package Weight	Approx. 530 g (1.17 lb.)