



IWH-21EIR

2 MP IR Fixed Network Bullet Camera.

1/2.8" progressive scan CMOS
1920 × 1080 @30fps
2.8 mm fixed lens
H.265+/H.265/H.264+/H.264
3D-DNR
Up to 30 m IR range
IP67

Camera	
Image Sensor	1/2.8" 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
Digital Noise Reduction	3D-DNR
WDR	dWDR
Angle Adjustment	<i>Pan: 0° ÷ 360°; Tilt: 0° ÷ 180°; Rotation: 0° ÷ 360°</i>
Lens	
Focal length	2.8 mm
Aperture	F2.0
Focus	Fixed
Field Of View (FOV)	<i>Horizontal: 114.8°; Vertical: 62°; Diagonal: 135.5°</i>
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	<i>Main stream: H.265+/H.265/ H.264+/H.264 Sub stream: H.265/H.264/MJPEG</i>
H.264 Type	Main Profile/HighProfile/BaselineProfile
H.265 Type	Main Profile
Video Bit Rate	32 kbps to 8 Mbps
Smart Feature-set	
Region of Interest	1 fixed region for main stream

Image	
Max. Resolution	1920 × 1080
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Max. Frame Rate	60 Hz: 30f ps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)
Max. Frame Rate	60 Hz: 30f ps (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 alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Firmware Version	V5.5.83
API	ONVIF (PROFILE S), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	CMS-MZ, 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 ÷ 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)
Power Consumption and	12 Vdc, 0.3 A, Max 3.5 W PoE: (802.3af, 36V to 57 V), 0.2 ÷ 0.1 A, Max 4.5 W
Protection Level	IP67
Material	Front cover: metal; Back cover & Bracket: plastic
Dimensions	Camera: Ø 70 × 172.7 mm (2.8" × 6.8") With package: 216 × 121 × 118 mm (8.5" × 4.8" × 4.6")
Weight	Camera: ~270 g (0.6 lb.) With package: ~510 g (1.1 lb.)