



IWH-41EIX

Bullet camera, fixed lens, 4 MP, 2.8 mm, 0.028 lux, 30 m IR, IP67

1/3" Progressive Scan CMOS

2560 × 1440@20fps

2.8 mm fixed lens

Colour: 0.028 Lux @ (F2.0, AGC ON)

H.265+, H.265, H.264+, H.264

BLC/HLC/3D-DNR/ROI

IR range: Up to 30 m

3-Axis adjustment

IP67

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Colour: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 ÷ 1/100 000 s, support slow shutter
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
WDR	120 dB
Angle Adjustment	<i>Pan: 0° ÷ 360°; Tilt: 0° ÷ 90°; Rotation: 0° ÷ 360°</i>

Lens

Lens type	Fixed lens, 2.8 mm
Aperture	F2.0
Focus	Auto
FOV	<i>Horizontal field of view: 100° Vertical field of view: 55° Diagonal field of view: 88°</i>
Lens Mount	M12

Illuminator

IR Range	Up to 30 m
Wavelength	850 nm

Video

Max. Resolution	2560 × 1440
Main Stream	50 Hz: 20fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 20fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 20fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 20fps (640 × 480, 640 × 360, 320 × 240)
Video Compression	<i>Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264/MJPEG</i>
H.264 Type	Baseline Profile/Main Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps

Smart Feature-Set

Basic Event	Motion detection, video tampering alarm, exception (illegal login)
Linkage Method	Upload to FTP, notify surveillance center, send email
Region of Interest	1 fixed region for main stream

Image

Image Enhancement	BLC, HLC, 3D-DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
S/N Ratio	> 50 dB

Network

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
API	ONVIF (PROFILE S), ISAPI, SDK
Security	Password protection, complicated password, IP address filter, Watermark, HTTPS encryption, basic and digest authentication for HTTP/HTTPS,

Simultaneous Live View	WSSE and digest authentication for ONVIF, 802.1X authentication (EAP-MD5)
User/Host	Up to 6 channels
Client	Up to 32 users, 3 levels: administrator, operator and user
Web Browser	CMS-MAZi, CTR-MAZi
	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Interface

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

General Function	Anti-flicker, heartbeat, mirror, privacy mask
Reset	Reset via web browser and client software
Startup and Operating Conditions	-30 °C ÷ 60 °C (-22 °F ÷ 140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-30 °C ÷ 60 °C (-22 °F ÷ 140 °F), humidity 95% or less (non-condensing)
Power Supply	12 Vdc ± 25%, Φ 5.5 mm coaxial power plug, reverse polarity protection; PoE (802.3af, class 3)
Power Consumption and Current	12 Vdc, 0.35 A, max. 4.2 W; PoE (802.3af, 36 V to 57 V), 0.2 ÷ 0.1 A, max. 4.2 W
Material	<i>Front cover:</i> metal <i>Back cover:</i> plastic
Dimensions	<i>Camera:</i> 66.2 × 67.8 × 177.6 mm (2.6" × 2.7" × 7") <i>With package:</i> 216 × 121 × 118 mm (8.5" × 4.8" × 4.6")
Weight	<i>Camera:</i> ~ 280 g (0.6 lb) <i>With package:</i> ~ 501 g (1.1 lb)

Approval

EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010 + A1:2013 + A2:2015, IEC/EN 60950-1
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Ingress protection: IP67 (IEC 60529-2013)