



IVH-44PIX

Fixed Turret Network Camera, fixed lens, 2.8mm, 4MP, 0.005lux, 30m, IP67.

High quality imaging with 4 MP resolution

Clear imaging against strong back light due to 120 dB true WDR technology

Efficient H.265+ compression technology

Water and dust resistant (IP67)

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON), 0 Lux with IR on
Shutter Speed	1/3 ÷ 1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB
Day & Night	ICR cut
Angle Adjustment	<i>Pan:</i> 0° ÷ 360° <i>Tilt:</i> 0° ÷ 75° <i>Rotate:</i> 0° ÷ 360°

Lens

Lens type & FOV	<i>Horizontal FOV</i> 103° <i>Vertical FOV</i> 55° <i>Diagonal FOV</i> 122°
Aperture	F1.6
Lens Mount	M12

DORI

DORI	D: 67 m O: 26 m R: 13 m I: 6 m
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Illuminator

IR Range	Up to 30 m
Wavelength	850 nm

Video

Max. Resolution	2688 × 1520
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25fps (640 × 480, 640 × 360) 60 Hz: 30fps (640 × 480, 640 × 360)
Third Stream	50 Hz: 25fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	<i>Main stream:</i> H.265/H.264/H.264+/H.265+ <i>Sub-stream:</i> H.265/H.264/MJPEG <i>Third stream:</i> H.265/H.264
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
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	Yes
Region of Interest (ROI)	1 fixed region for main stream and sub-stream

Network

Simultaneous Live View	Up to 6 channels
API	ONVIF(PROFILE S, PROFILE G), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP,

User/Host	NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE Up to 32 users 3 user levels: <i>administrator</i> , <i>operator</i> and <i>user</i>
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for ONVIF
Network Storage	MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS(NFS, SMB/CIFS), auto network replenishment (ANR)
Client	CMS-MAZi, CTR-MAZi
Web Browser	<i>Plug-in required live view:</i> IE 10, IE 11 <i>Plug-in free live view:</i> Chrome 57.0+, Firefox 52.0+ <i>Local service:</i> Chrome 57.0+, Firefox 52.0+
Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D-DNR
Image Parameters Switch	Yes
Image Settings	Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
On-board Storage	Built-in micro SD, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Smart Feature-Set	
Basic Event	Motion detection (human and vehicle), video tampering alarm, exception
Smart Event	Line crossing detection, intrusion detection
Face Detection	Yes
General	
Linkage Method	Upload to FTP/memory card/NAS, notify surveillance center, trigger record, trigger capture, Email
Web Client Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Anti-flicker, heartbeat, password reset via e-mail, pixel counter
Software Reset	Yes
Storage Conditions	-30 °C ÷ +60 °C (-22 °F ÷ +140 °F), humidity 95% or less (non condensing)
Startup and Operating Conditions	-30 °C ÷ +60 °C (-22 °F ÷ +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 Vdc ± 25% reverse polarity protection; PoE: 802.3af, Class3
Power Consumption and Current	12 Vdc, 0.5 A, max. 6 W PoE: (802.3af, 36 V to 57 V), 0.19 A to 0.12 A, max. 7 W
Power Interface	Ø 5.5 mm coaxial power plug
Material	Aluminum alloy body
Camera Dimension	Ø127,3 × 95,9 mm (Ø 5.01" × 3.78")
Package Dimension	150 × 150 × 141 mm (5.9" × 5.9" × 5.6")
Camera Weight	Approx. 600 g (1.3 lb.)
With Package Weight	Approx. 816 g (1.8 lb.)
Approval	
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)