



## IVH-62PIX

Fixed Turret Network Camera, fixed lens, 2.8mm,  
6 MP, 0.008 Lux, 30 m, IP67.

Up to 6 MP high resolution

Max. 3072 × 2048 @ 20fps

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

120 dB WDR

Powered by Darkfighter

12 Vdc & PoE (802.3af, class 3)

Up to 30 m

Support on-board storage, up to 128 GB

IP67

BLC/3D-DNR/ROI/HLC

Color: 0.008 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.6, AGC ON)

### Camera

Image Sensor	1/2.4" Progressive Scan CMOS
Min. Illumination	Colour: 0.008 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 ÷ 1/100,000 s
Slow Shutter	Yes
Focal length	2.8 mm
Focus	Fixed
Lens	<i>horizontal FOV: 99°</i> <i>vertical FOV: 61°</i> <i>diagonal FOV: 128°</i>
Lens Mount	M12
Aperture	F1.6
Day & Night	IR cut filter
DNR	3D-DNR
Wide Dynamic Range	120 dB
3-Axis Adjustment	<i>Pan: 0° ÷ 360°</i> <i>Tilt: 0° ÷ 75°</i> <i>Rotate: 0° ÷ 360°</i>

### Compression Standard

Video Compression	<i>Main stream: H.265/H.264</i> <i>Sub stream: H.265/H.264/MJPEG</i> <i>Third stream: H.265/H.264</i>
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps ÷ 16 Mbps

### Illuminator

Max. Resolution	3072 × 2048
Main Stream	50 Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50 Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50 Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60 Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D-DNR/HLC
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser
ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately
Day/Night Switch	Day/Night/Auto/Schedule

\*Note: When the main stream resolution is 2944 × 1656 and above, max frame rate is 20 fps for all streams.

### Network

Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users
Client	3 levels: <i>Administrator</i> , <i>Operator</i> and <i>User</i>
Web Browser	CTR-MAZi, CMS-MAZi Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
SVC	H.265 encoding and H.264 encoding support
Smart Feature-Set	
Basic Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Smart Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Face Detection	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, Email
General	
Operating Conditions	-30 °C ÷ +60 °C (-22 °F ÷ +140 °F), humidity 95% or less (non-condensing) 32 languages
Web Client Language	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)
Power Supply	12 Vdc ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption	12 Vdc, 0.5 A, max: 6 W PoE: (802.3af, 36 VDC to 57 VDC), 0.3 A to 0.2 A, max: 7.5 W
IR Range	Up to 30 m
Wavelength	850 nm
Protection Level	IP67
Material	Camera body: Metal
Dimensions	Camera: Φ 138.3 × 125 mm (5.4" × 4.9")
Weight	Camera: 725 g (1.6 lb.) With package: 966 g (2.1 lb.)