



IVH-41UIW

4 MP Fixed Turret Network Camera, 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light, Built-in micro SD/SDHC/SDXC slot, IP67.

1/1.8" Progressive Scan CMOS
2688 × 1520@30 fps
2.8 mm fixed lens
H.265+, H.265, H.264+, H.264
BLC, HLC, 3D DNR
IR range: Up to 30 m
IP67

Camera

Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light
Shutter Speed	1/3 s ÷ 1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	130 dB
Angle Adjustment	<i>Pan: 0° ÷ 360°, Tilt: 0° ÷ 75°, Rotate: 0° ÷ 360°</i>

Lens

Depth of Focus	2.8 mm, 2.5 m to ∞
Lens Type & FOV	<i>Horizontal Field Of View: 109° Vertical Field Of View: 55° Diagonal Field Of View: 138°</i>
Aperture	F1.0
Lens Mount	M16

DORI

DORI	D: 65 m, O: 21 m, R: 13 m, I: 6 m
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Illuminator

White Light Range	30 m
Smart Supplement Light	Yes

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: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)
Video Compression	<i>Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264</i>
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 each stream

Audio

Environment Noise Filtering	-U: Yes
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Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3
Audio Bit Rate	-U: 64Kbps(G.711ulaw/G.711alaw)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8-320Kbps(MP3)

Network

Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 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	iVMS-4200, CMS-MAZi
Web Browser	Plug-in required live view: IE 8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11. Plug-in free live view: 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 mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser

Interface

Built-in Microphone	-U: Yes
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port

Smart Feature-Set

Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error), scene change detection
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Intelligent (Deep Learning Algorithm)

Face Capture	Yes
Premier Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection

General

Linkage Method	Upload to NAS/memory card, notify surveillance center, trigger record, trigger capture
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, mirror, privacy masks, flash log, 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%, PoE: 802.3af, class 3
Power Consumption and Current	12 Vdc, 0.55 A, max. 6.6 W PoE: (802.3af, 36 V to 57 V), 0.22 A ÷ 0.13 A, max. 7.6 W
Power Interface	Ø5.5 mm coaxial power plug
Material	Aluminum alloy body, except for trim ring

Screw Material	SUS304
Camera Dimension	Ø138.3 × 125.2 mm (Ø5.4" × 4.9")
Package Dimension	170 × 170 × 150 mm (7" × 7" × 5.9")
Camera Weight	Approx. 820 g (1.8 lb.)
With Package Weight	Approx. 1137 g (2.5 lb.)

Approval

Class	Class B
EMC	FCC SDoC (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 VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) UL (UL 60950-1);
Safety	CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	Ingress protection: IP67 (IEC 60529-2013)

Dimension

