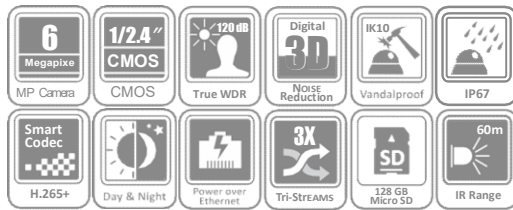


Smart AI+



6MP Motorized Varifocal with Strobe Light & Audible Warning

- High quality imaging with 6 MP resolution
- Artificial Intelligence: Focus on person and vehicle classification based on deep learning
- Smart Hybrid Light: Integrates IR and White lights, 3 supplemental lighting modes
- Built-in arrayed dual-microphone for real-time high quality audio security
- Clear imaging against strong back light due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Motorized varifocal lens for easy installation and monitoring
- Water and dust resistant (IP67) and vandal-resistant (IK10)

DIMENSIONS

Accessories



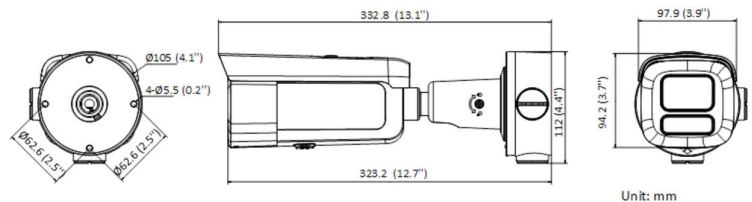
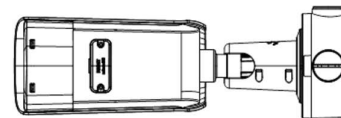
Corner Mount



Vertical Pole Mount
Stainless Steel



Vertical Pole Mount



Technical Specifications

Camera	
Image Sensor	1/2.4" Progressive Scan CMOS
Max. Resolution	3200 × 1800
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC Auto/Manual), B/W: 0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Auto Focus Varifocal lens, motorized lens, 2.7 to 13.5 mm.
Focal Length & FOV	2.7 to 13.5 mm, horizontal FOV 102.3° to 36.5°, vertical FOV 53.9° to 20.6°, diagonal FOV 122.9° to 41.9°
Lens Mount	Ø14
Iris Type	Auto Iris
Aperture	F1.6
DORI	
DORI	2.7 to 13.5 mm: D: 75.3 m to 201.0 m, O: 29.9 m to 79.8 m, R: 15.1 m to 40.2 m, I: 7.5 m to 20.1 m
Illuminator	
Supplement Light Range	Up to 60 m
Supplement Light Type	IR, White Light
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Target Cropping	Yes
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC

Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	PIXELAB ISM PROFESSIONAL
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end memory card, memory card encryption and health detection are supported.
Web Browser	Plug-in required live view: IE 11, Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+, Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+
Image	
Image Parameters Switch	Yes
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR, AWB
Privacy Mask	8 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Audio	Built-in Microphone: Arrayed dual-microphone 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)
Built-in Speaker	1 built-in speaker, Power: 2 W, max. sound pressure level: 10 cm: 120 dB.
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, flashing light, audible warning

Deep Learning Function	
Perimeter Protection	Line crossing, intrusion Support alarm triggering by specified target types (human and vehicle)
General	
Power	DC: 12 V, 1.21 A, max: 14.5W, Ø5.5 mm coaxial power plug, reverse polarity protection; PoE: IEEE 802.3at, class 4, max: 18W
Material	Aluminum alloy body
Dimension	332.8 mm × 97.9 mm × 94.2 mm (13.1" × 3.9" × 3.7")
Package Dimension	385 mm × 190 mm × 180 mm (15.2" × 7.5" × 7.1")
Weight	Approx. 1531 g (3.4 lb.)
With Package Weight	Approx. 2000 g (4.4 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
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	Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding
Protection	IP67, IK10