

4MP Network IR Bullet Camera

VSIP9643W-SZ



Key Features



Optics

- Day/night functionality
- Smart IR, up to 50m (164ft) IR distance
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ROI (Region of Interest)
- Customized OSD

Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

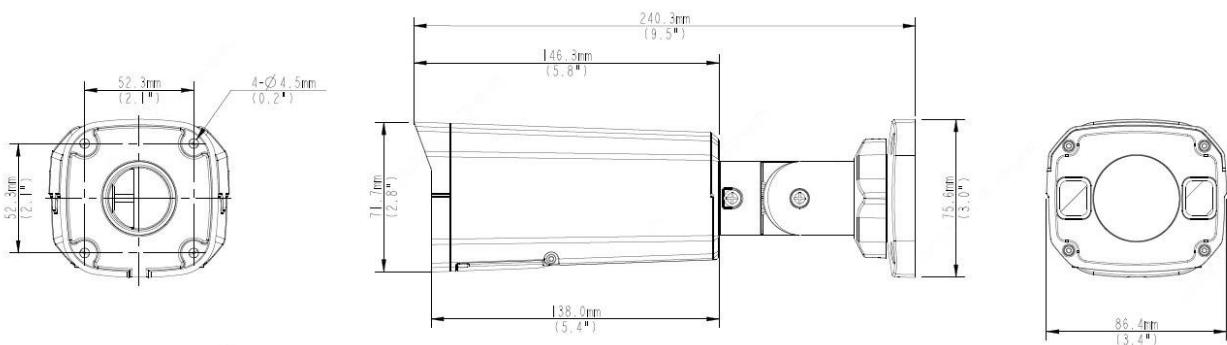
Specifications

VSIP9643W-SZ																
Camera																
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS															
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens															
DORI Distance	<table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (m)</th> <th>Observe (m)</th> <th>Recognize (m)</th> <th>Identify (m)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>63.0</td> <td>25.2</td> <td>12.6</td> <td>6.3</td> </tr> <tr> <td>12</td> <td>270.0</td> <td>108.0</td> <td>54.0</td> <td>27.0</td> </tr> </tbody> </table>	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	2.8	63.0	25.2	12.6	6.3	12	270.0	108.0	54.0	27.0
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12	270.0	108.0	54.0	27.0												
Angle of View (H)	98.26° ~ 31.35°															
Angle of View (V)	54.76° ~ 18.55°															
Angle of View (O)	127.74° ~ 36.99°															
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotate: 0° ~ 360°															
Shutter	Auto/Manual, 1 ~ 1/100000s															
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on															
Day/Night	IR-cut filter with auto switch (ICR)															
Digital noise reduction	2D/3D DNR															
S/N	>56 dB															
IR Range	Up to 50m (164ft) IR range															
Wavelength	850nm															
IR On/Off Control	Auto/Manual															
Defog	Digital Defog															
WDR	120dB															
Video																
Video Compression	Ultra 265, H.265, H.264, MJPEG															
H.264 code profile	Baseline profile, Main Profile															

Frame Rate	Main Stream: 4MP (2592*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P(1920*1080), Max 30fps; Sub Stream: 4CIF (704*576), Max 30fps; Third Stream: CIF (352*288), Max 30fps
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 2 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°
HLC	Supported
BLC	Supported
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Smart	
Behavior Detection	Human Body Detection
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 9.5W
Dimensions (L × W × H)	240.3 × 86.4 × 75.6mm (9.5" × 3.4" × 3.0")
Net Weight	1.0kg (2.2lb)

Material	metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67

Dimensions



Accessories

VSPM963

