



VIGILANT PERFORMANCE SERIES



## ALIBI VIGILANT 8MP STARLIGHT VARIFOCAL VANDAL-RESISTANT 164 FEET IR IP BULLET CAMERA

### Key Specifications:

- + 8MP high resolution
- + 1/2.8" progressive scan CMOS
- + 2.8 - 12 mm automatic focusing and a motorized zoom lens
- + Up to 120db true WDR
- + Smart IR up to 164 feet IR distance
- + Audio-Alarm I/O
- + microSD card slot supports up to 256GB
- + ANR Network Storage
- + ONVIF (Profile S, Profile G, Profile T), API
- + Ultra H.265 Compression technology
- + Supports PoE Supply
- + One-click Cloud firmware updating

The ALIBI® Vigilant Performance Series, 8MP varifocal Bullet Security Camera delivers crisp video day or night. **Featuring Starlight 2.0 Chipset Technology**, this powerful camera captures clear and vivid color images day or night - even in extremely dark environments.

It also offers flexible storage solutions, with a built-in micro SD slot - enabling local storage up to 256GB.

- + **Multi-Megapixel Resolution Video** - 8MP camera captures a high level of clarity and detail for most applications
- + **Motorized Varifocal Lens - 2.8 - 12 mm** motorized zoom lens
- + **3D Digital Noise Reduction (DNR)** effectively filters noise to produce a crisper, clear video stream.
- + **IP67 weatherproof housing** this bullet camera delivers long-term durability even among extreme weather conditions such as rain, snow, and ice and has a wide temperature range of -22 degrees to 140 degrees Fahrenheit.

# SPECIFICATIONS

## CAMERA

Sensor	1/2.8", 8.0 megapixel, progressive scan, CMOS
Lens	2.8 - 12mm, AF automatic focusing and motorized zoom lens
Angle of View (H)	107.4° -29.2 °
Angle of View (V)	54.2° -16.3 °
Angle of View (O)	111.0° -33.1 °
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

## DORI

Lens (mm)	2.8	12
Detect (m)	86.9	372.4
Observe (m)	34.8	149.0
Recognize (m)	17.4	74.5
Identify (m)	8.7	37.2

## VIDEO

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Bit Rate	128 Kbps-16 Mbps
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

## IMAGE

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Smart IR	Supported
Flip	Normal/Vertical/Horizontal/180°/90° Clockwise/90° Anti-clockwise
Dewarping	Supported
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

## NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	Alibi Vigilant CMS Alibi Vigilant Toolbox Alibi Vigilant Mobile
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

# SPECIFICATIONS

## CERTIFICATIONS

CE: EN 60950-1  
UL: UL60950-1  
FCC: FCC Part 15

## GENERAL

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 10.5W
Dimensions (L × W × H)	245 × 86 × 72mm (9.6" × 3.4" × 2.8")
Net Weight	0.92kg (2.03lb)
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
Vandal Resistant	IK10
Reset Button	N/A

## COMPATIBLE BRACKETS



Junction Box  
Waterproof Joint



Junction Box for  
Bullet Cameras



Junction Box for  
Bullet Cameras



Bullet & Dome Corner Mounting  
Bracket



Pole Mount Adapter for Bullet  
Cameras



Pole Mount Adapter for Bullet  
Cameras

# DIMENSIONS

