



VIGILANT PERFORMANCE SERIES



## ALIBI VIGILANT PERFORMANCE 4MP STARLIGHT SMARTSENSE 16X IP PTZ CAMERA

### Key Specifications:

- + 4MP high-resolution 2688 x 1520 @ 30fps
- + 5.5 - 88mm Motorized varifocal lens
- + 3.47 - 50.85 degrees field of view
- + Smart IR up to 328 feet nighttime viewing
- + Starlight technology - Color: 0.005Lux, 0 Lux with IR
- + 120dB True WDR (Wide Dynamic Range)
- + Audio I/O 1 in 1 out; Alarm 2 in/1 out
- + MicroSD, up to 256GB
- + ANR Network Storage, NAS (NFS)
- + Supports Ultra 265, H.265, H.264, and MJPEG
- + ONVIF (Profile S, Profile G, Profile T), API, SDK
- + IP66 Weather Resistant; IK10 Vandal Resistant
- + Meets NDAA federal government compliance requirements

The Alibi Vigilant Performance Series, 4MP 328 feet IR PTZ camera delivers crisp video day or night. It also offers flexible storage solutions, with a built-in micro-SD slot - enabling local storage up to 256GB.

- + **Multi-Megapixel Resolution Video** - 4MP resolution provides exceptional clarity and detail for most applications.
- + **Smart Full-Frame IR = Better Video at Night** - Advanced full-frame illumination technology helps you capture up to 328 feet of nighttime video footage with more contrast and clarity.
- + **SmartSense technology** - utilizes AI deep learning developed data algorithms to identify human and vehicular targets with extreme accuracy and reduce false alarms.
- + **Starlight 2.0 Chipset Technology** - featuring an HD progressive scan CMOS sensor, capturing clear and vivid color images day or night - even in extremely dark environments.
- + **Lower Bandwidth and Storage Usage** - Ultra H.265 Compression technology reduces the video stream's overall requirements, saving you bandwidth and hard drive space.
- + **Easy management** - an intuitive interface and access to the free Vigilant Mobile App and Vigilant CMS makes management more straightforward than ever.
- + **Full Frame Illumination** with Smart IR Smart full-frame illumination technology offers several advantages over standard IR for flawless night vision.
- + **Ultra H.265 Compression** - reduce bandwidth and storage requirements. With Ultra H.265 compression technology, you can store more information using less hard drive space. Ultra H.265 also helps you minimize bandwidth requirements for high-resolution video and makes the remote viewing less demanding on the recorder.
- + **Intuitive interface** - everything you need to manage your system at your fingertips. With an intuitive interface and access to the free Vigilant Mobile App and Vigilant CMS, system management has never been simpler.

# SPECIFICATIONS

## CAMERA

Resolution	4MP
Sensor	1/2.9"CMOS
Min. Illumination	Colour: 0.005 Lux (F1.78, AGC ON) 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 - 1/100000s
WDR	120dB
S/N	>56dB

## LENS

Lens type	5.5-88mm
Optical Zoom	16X
Iris	F1.78-F3.73
Field of View (H)	50.85°-3.47°
Field of View (V)	29.94°-1.95°
Field of View (D)	62.55°-4.09°

## DORI

DORI Distance (Detect)	127.6m-2048.4m(418.6ft-6720.5ft)
DORI Distance (Observe)	51.0m-819.4m(167.4ft-2688.2ft)
DORI Distance (Recognize)	25.5m-409.7m(83.7ft-1344.1ft)
DORI Distance (Identify)	12.8m-204.8m(41.9ft-672.0ft)

## VIDEO

Video Compression	Ultra 265; H.265; H.264; MJPEG
Video stream	Dual streams
Frame Rate	Main Stream: 4MP(2688*1520), Max 30fps Sub Stream: 720P(1280*720), Max 30fps
Video Bit Rate	128 Kbps-16 Mbps
U-code	Support
ROI	Support
OSD	Up to 4 OSDs
Privacy Mask	24 areas, up to 4 areas per scene

## ILLUMINATOR

Illumination Distance(IR)	Up to 100m (328 ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

## IMAGE

White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°
HLC	Support
BLC	Support
Defog	Digital Defog

## INTELLIGENT

Smart intrusion prevention	Support false alarm filtering: Cross line detection, Intrusion detection
Auto-Tracking	Support, target filtering: vehicle, humanbody

## EVENTS

Basic Detection	Motion detection; Tampering alarm; Audio detection
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; Alarm input

## AUDIO

Audio Compression	G.711U; G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ

## STORAGE

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR; NAS(NFS)

# SPECIFICATIONS

## NETWORK

Protocols	IPv4; IPv6; IGMP; RTP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; 802.1x; SNMP; QoS; SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); API; SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	Password protection; Strong password; HTTPS encryption; Export operation logs; Basic and digest authentication for RTSP; Digest authentication for HTTP; TLS 1.2; WSSE and digest authentication for ONVIF
Client	Alibi Vigilant CMS Alibi Vigilant Toolbox Alibi Vigilant Mobile
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

## PAN/TILT

Pan Range	360°(endless)
Pan Speed	0.1°/s-240°/s
Tilt Range	-5°-90°(auto flip)
Tilt Speed	0.1°/s-120°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s-1800s
Home Position	Support

## CERTIFICATION

EMC	CE-EMC (EN 55032: 2015+A11:2020+A1 2020, EN IEC 61000-3-2: 2019+A1: 2021, EN 61000-3-3: 2013+A1: 2019+A2:2021, EN 50130-4: 2011+A1:2014) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)

## GENERAL

Power	DC12V(±10%,3A), PoE+(IEEE 802.3at)
Power Consumption	Max 23W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Ø 167 x 181mm(Ø 6.6" x 7.1")
Weight	2.3Kg(5.07lb)
Working Environment	-40°C-65°C (-40°F-149°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C-70°C (-40°F-158°F), Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Support

## INTERFACE

Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1*RS485
Network	1*RJ45 10M/100M Base-TX Ethernet

# COMPATIBLE BRACKETS



Junction Box  
Waterproof Joint



Junction Box for 8MP  
Fisheye Camera

# DIMENSIONS

