



VIGILANT PERFORMANCE SERIES



Meets federal government technical requirements

## ALIBI VIGILANT PERFORMANCE SERIES 8MP STARLIGHT ILLUMINITE SMARTSENSE FIXED IP TURRET CAMERA

### Key Specifications:

- + 8MP IP turret camera
- + 2.8 mm wide angle lens with 110° FOV
- + Starlight Chipset (.001 lux) for color in low-light conditions
- + Built-in white light LEDs for color video 24/7
- + 1/1 Alarm in/out; 1/1 audio in/out
- + Built-in microphone
- + 3D Digital Noise Reduction (DNR)
- + Supports 256 GB micro SD card
- + IP67 weather resistant rating
- + IK10 vandal resistant rating
- + NDAA Compliant

### What's Included

- + (1) Security camera
- + (1) Mounting template
- + (1) Mounting hardware
- + (1) Quick start guide

This security camera delivers crisp video day or night with a Starlight chipset and IllumiNite white light LED technology that helps you capture color video 24/7. This product has been specifically designed and manufactured to comply with the latest technical requirements specified under NDAA regulations.

- + **Multi-megapixel resolution** - Get more detail from your video camera. This camera captures multi-megapixel high-resolution video footage that delivers crisp, precise detail and clarity for your video security needs.
- + **IllumiNite Technology produces color video 24/7** - IllumiNite cameras feature powerful white light LEDs built-in below the lens to capture color video all day and night. LEDs can be set to activate on motion events or via a fixed schedule.
- + **Starlight chipset** - Starlight technology uses ambient light sources to capture color video in extreme low light conditions. These cutting edge chipsets utilize ambient light sources (including starlight) to produce color images at night.
- + **Innovative Day/Night Scene Detection** - includes a hardware sensor for smart software imaging that detects surveillance scene illumination. Designed to be water and dust-proof, this allows you to avoid unexpected costs of hardware failure.
- + **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.
- + **IP67 weatherproof housing** - this turret 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.
- + **HTML5 Plugin Free** - use on almost any Browser for support: 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+
- + **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.

## POWERFUL ANALYTICS

- + Motion Detection
- + Tampering
- + Audio Detection
- + Intrusion Detection
- + Cross Line Detection
- + Enter Area
- + Leave Area
- + Face Detection
- + People Counting (People Flow Counting & Crowd Density Monitoring)

## COMPATIBLE BRACKETS



Junction Box  
Waterproof Joint



Fixed Dome Indoor/  
Pendant Mount



Fixed Dome and Fisheye  
Junction Box



Junction Box



Fixed Dome Outdoor Wall  
Mount with Junction Box



Fixed Dome Indoor/  
Outdoor Pendant Mount



Fixed Dome Indoor/  
Outdoor Pendant Mount



Pole Mount



3-inch Fixed Dome Indoor  
Wall Mount

# SPECIFICATIONS

## CAMERA

Sensor	1/1.8", 8.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.0005 lux (F1.0, AGC ON)
Shutter	Auto/Manual, 1 - 1/100000s
Adjustment angle	Pan: 0° - 360° Tilt: 0° - 72° Rotate: 0° - 360°
WDR	120dB
S/N	>56dB

## LENS

Lens	2.8mm@F1.0
Angle of view(H)	110.15°
Angle of View (V)	59.06°
Angle of View (O)	143.19°

## DORI DISTANCE

Lens (mm)	2.8
Detect (m)	63.0
Observe (m)	25.2
Recognize (m)	12.6
Identify (m)	6.3

## ILLUMINATOR

LED Distance	Up to 30m (98ft)
LEDs Number	2
LED On/Off Control	Auto/Manual

## VIDEO

Video Compression	Ultra265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8MP (3840*2160), Max 30fps; 5.3MP (3072*1728), Max 30fps; 3.6MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), 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
U-code	Support
ROI	Up to 8 areas
Video Stream	Triple streams
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas

## IMAGE

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital Noise Reduction	2D/3D DNR
Smart Illumination	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog

## INTELLIGENT

Smart intrusion prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection
Face capture	Support
Statistical Analysis	People counting, support tripwire people counting and area people counting

## EVENTS

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

## AUDIO

Audio Compression	G.711
Audio Bitrate	64 Kbps
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

## STORAGE

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

# SPECIFICATIONS

## NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
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: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+

## INTERFACE

Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
RS485	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	N/A

## CERTIFICATIONS

EMC	FCC CFR 47 Part 15 EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3-2013
Safety	IEC 62368-1; EN 62368-1; UL 62368-1 "
Environment	CE-ROHS (2011/65/EU);(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)

## GENERAL

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 11W"
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	129 x 110mm (5.1" x 4.3")
Weight	0.64kg (1.41lb)
Material	Metal
Operating Conditions	-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	4KV
Reset Button	Supported
Protection	Ingression protection: IP67 Vandal resistant: IK10"