ALIBI®

VIGILANT PERFORMANCE SERIES

NDAA PRODUCT TECHNICAL REQUIREMENTS

*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.

Dyezz Surveillance

**Dyezz Surveillance and Alarm**
855-271-4674
http://www.austin-security-cameras.com

## 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

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# 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°<br>Tilt: 0° ~ 72°<br>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<br>Alibi Vigilant Toolbox<br>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]<br>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<br>EN 55032:2015<br>EN 55024:2010<br>EN 61000-3-2:2014<br>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)<br>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) |
| Strorage Environment | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) |
| Surge Protection | 4KV |
| Reset Button | Supported |
| Protection | Ingression protection: IP67<br>Vandal resistant: IK10″ |