ALIBI®

VIGILANT PERFORMANCE SERIES

# ALIBI VIGILANT 5MP 131 FEET ILLUMINITE-IR STARLIGHT INTELLISEARCH IP BULLET CAMERA W/BUILT-IN MIC AND SPEAKER

**Key Specifications:**

+ 5MP high-resolution 2880 x 1620 @ 30fps
+ 2.8mm @ F1.0
+ 109 degrees horizontal FOV to capture large areas
+ Smart IR up to 131 feet nighttime viewing
+ Color Attribute Collection
+ IntelliSearch Color Match Technology
+ Starlight technology - Color: 0.001Lux, 0 Lux with IR
+ 130dB True Wide Dynamic Range (WDR)
+ Built-in mic and speaker
+ Audio I/O 1 in 1 out; Alarm 1 in/1 out
+ Micro SD, up to 512 GB
+ Supports Ultra 265, H.265, H.264, and MJPEG
+ ANR, NAS(NFS) Network Storage
+ Supports ONVIF (Profile S, Profile G, Profile T), API, SDK
+ IP67 weather-resistant rating
+ NDAA Compliant
+ One-click Cloud firmware updating

The Alibi Vigilant Performance Series, 5MP Starlight Bullet Security Camera delivers crisp video day or night.

Integrates SmartSense, IllumiNite and Active Deterrence into one IP camera. It can not only alert when events happen, but also get color information in low-light environment. Red and blue light is more noticeable than white light, especially in low visibility weather such as rain and fog.

+ **IntelliSearch Color Match Technology** - Powerful camera analytics capture apparel colors and vehicle color and apply metadata to the video recording. Using powerful search algorithms, users can apply filters to quickly search for upper or lower garment color or vehicle exterior color significantly reducing the amount of time needed to search video footage.
+ **Color Attribute Collection** – Advanced technology collects the color information of the target with high accuracy for identification of a human's upper and lower garment, color of a vehicle, and upper garment color of the driver of a non-motor vehicle.
+ **Auto Scene Adjustment (intelligent WDR)** – Allows camera to easily and quickly improve image quality in high-contrast lighting conditions (foggy, backlit, flickering) and capture details in both areas of the video that are dimly and brightly lit.
+ **SmartSense Technology** – Utilizes AI deep learning developed data algorithms to identify human and vehicular targets with extreme accuracy and reduce false alarms.
+ **Capture Color Video at Night** – Starlight technology chipset uses ambient light sources to capture color video in extreme low light conditions. In the darkness, you can rely on the camera's full-frame illumination technology to see clear, sharp images up to 131 feet in the dark.
+ **Superior Outdoor Performance** – With an IP67 weather-rated metal enclosure, this bullet camera offers 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.
+ **3D Digital Noise Reduction (DNR)** - effectively filters noise to produce a crisper, clear video stream.

1st Choice Security & Investigations
TEXLIC: C16305

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# SPECIFICATIONS

## CAMERA

| | |
|---|---|
| Sensor | 1/2.8", 8.0 megapixel, progressive scan, CMOS |
| Minimum Illumination | Colour: 0.001 Lux (F1.0, AGC ON)<br>0 lux with IR on |
| Day/Night | IR-cut filter with auto switch (ICR) |
| Shutter | Auto/Manual, 1 ~ 1/100000s |
| Adjustment angle | Pan: 0° ~ 360°<br>Tilt: 0° ~ 90°<br>Rotate: 0° ~ 360° |
| WDR | 130dB |
| S/N | >56dB |

## LENS

| | | |
|---|---|---|
| Lens | 2.8mm@F1.0 | 4.0mm@F1.0 |
| Iris | Fixed | |
| Field of View (H) | 106.5° | 92° |
| Field of View (V) | 57.9° | 51° |
| Field of View (D) | 132° | 106° |

## DORI

| | | |
|---|---|---|
| Lens (mm) | 2.8 | 4.0 |
| Detect (m) | 86.9 | 124.1 |
| Observe (m) | 34.8 | 49.7 |
| Recognize (m) | 17.4 | 24.8 |
| Identify (m) | 8.7 | 12.4 |

## 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 30fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;<br>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 |
| OSD | Up to 8 OSDs |
| Privacy Mask | Up to 4 areas |
| ROI | Up to 8 areas |
| Video Stream | Triple streams |

## ILLUMINATOR

| | |
|---|---|
| IR Range | Up to 40m (131 ft) |
| Warm Light Range | Up to 40m (131 ft) |
| Wavelength | 850nm |
| Light On/Off Control | Auto/Manual |

## IMAGE

| | |
|---|---|
| Auto Scene Match (ASM) | Support (Only WDR) |
| White Balance | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 |
| Digital Noise Reduction | 2D/3D DNR |
| Smart IR | Support |
| Flip | Normal/Vertical/Horizontal/180°/90° Clockwise/90°Anti-clockwise |
| Dewarping | N/A |
| HLC | Support |
| BLC | Support |
| Defog | Digital Defog |

## INTELLIGENT

| | |
|---|---|
| Smart intrusion prevention | Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection |
| Statistical Analysis | People counting, support people flow counting and crowd density monitoring |
| Attribute Collection | SIP with color retrieval |

## EVENTS

| | |
|---|---|
| Basic Detection | Motion detection, Ultra motion detection, Tampering alarm, Audio detection |
| General Function | Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access Policy, ARP protection, RTSP authentication, user authentication |

## AUDIO

| | |
|---|---|
| Audio Compression | G.711U, G.711A |
| Audio Bitrate | 64 Kbps |
| Two-way Audio | Support |
| Suppression | Support |
| Sampling Rate | 8KHZ |

# SPECIFICATIONS

## STORAGE

| | |
|---|---|
| Edge Storage | Micro SD, up to 512GB |
| Network Storage | ANR, NAS(NFS) |

## NETWORK

| | |
|---|---|
| Protocols | IPv4, IPv6, 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. 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<br>Alibi Vigilant Toolbox<br>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<br>Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above |

## 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 | Support |
| WIFI | N/A |
| Network | 1 * RJ45 10M/100M Base-TX Ethernet |
| Video Output | N/A |

## CERTIFICATIONS

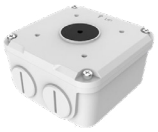
| | |
|---|---|
| EMC | CE-EMC (EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 50130)<br>FCC (FCC 47 CFR part15 B) |
| Safety | CE-LVD (EN 62368-1)<br>CB (IEC 62368-1)<br>UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1) |
| Environment | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU) |
| Protection | IP67 (IEC 60529) |

## GENERAL

| | |
|---|---|
| Power | DC 12V±25%, PoE (IEEE 802.3af)<br>Power consumption: Max 10.0W |
| Power Interface | Ø 5.5mm coaxial power plug |
| Dimensions (L × W × H) | 269 × 96 × 82mm (10.6" × 3.8" × 3.2") |
| Weight | 0.97kg (2.14lb) |
| Material | Metal+Plastic |
| Working Environment | -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 | Support |
| Web Client Language | 20 Languages<br>Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese |

# COMPATIBLE BRACKETS

Junction Box
Waterproof Joint



Junction Box for
Bullet Cameras

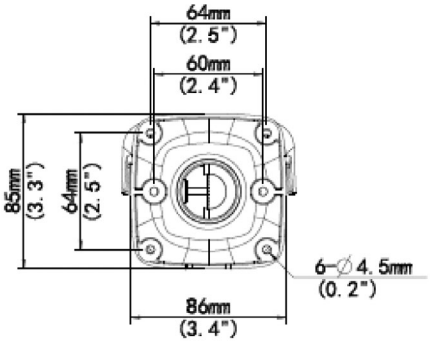
Junction Box for
Bullet Cameras

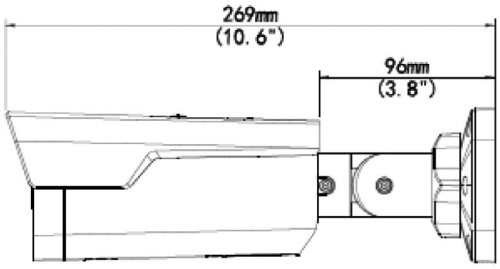
Bullet & Dome Corner Mounting
Bracket

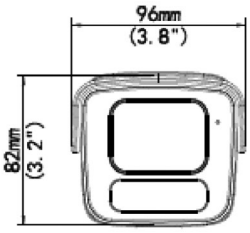
Pole Mount Adapter for Bullet
Cameras

Pole Mount Adapter for Bullet
Cameras

# DIMENSIONS

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