



VIGILANT FLEX SERIES



## ALIBI VIGILANT FLEX SERIES 8MP STARLIGHT IP FIXED TURRET CAMERA WITH BUILT-IN MICROPHONE

### Key Specifications:

- + 8MP IP fixed turret camera
- + 2.8 fixed lens with 113 degree Field of View
- + 98 feet long range Smart IR Distance
- + Starlight chipset (.005 lux) for color in low light
- + Built-in microphone
- + MicroSD card slot - up to 256GB
- + 120db True Wide Dynamic Range (WDR)
- + IP67 rating to handle a wide variety of temperatures
- + NDA A compliant
- + **NDA A Compliant Security** - This security camera delivers high-resolution, crisp video at day or night and has been specifically designed and manufactured to comply with the latest technical requirements specified under NDA A regulations.
- + **Multi-Megapixel Resolution Video** - this camera captures ultra-high definition video during the day and at night for ultra-crisp and clear footage.
- + **Capture Color Video at Night** - Starlight technology chipset uses ambient light sources to capture color video footage in extreme low light conditions.
- + **Superior Outdoor IP67 weatherproof housing** - With an IP67 weather-rated metal enclosure, this turret camera has a wide temperature range of -22 degrees to 140 degrees Fahrenheit - offering long-term durability even among extreme weather conditions such as rain, snow, and ice.
- + **3D Digital Noise Reduction (DNR)** effectively filters noise to produce a more crisp, clear video stream.
- + **Full Frame Illumination with Smart IR** - Smart full-frame illumination technology offers several advantages over standard IR for flawless night vision, including:
  - Clearer, brighter images in low light and at night
  - Delivers a wider illumination spread
  - Unique rectangular IR LED design produces a uniformly illuminated image across the entire screen
  - Reduces overexposure at the center of the image and eliminates hot spots
  - Eliminates blooming from lights by reducing ambient light pollution
  - Reduces video noise for a clearer nighttime picture, and reduces bandwidth consumption and video storage requirements

# SPECIFICATIONS

## CAMERA

|                      |  |  |
|----------------------|--|--|
| Sensor               | 1/2.7", 8.0 megapixel, progressive scan, CMOS                        |  |
| Minimum Illumination | Support Easystar: Colour: 0.005Lux (F1.6, AGC ON)<br>0Lux with IR on |  |
| Day/Night            | IR-cut filter with auto switch (ICR)                                 |  |
| Shutter              | Auto/Manual, 1 - 1/100000s   |  |
| Adjustment angle     | Pan: 0° to 360°,<br>Tilt: 0° to 80°,<br>Rotate: 0° to 360°           |  |
| S/N                  | >56dB  |  |
| WDR                  | 120dB  |  |

## LENS

|                   |                                   |       |
|-------------------|-----------------------------------|-------|
| Lens Type         | 2.8mm and 4.0mm @1.6, Fixed-focal |       |
| Lens Mount        | M12                               |       |
| Angle of view (H) | 112.9°                            | 91.2° |
| Angle of View (V) | 59.1°                             | 47.9° |
| Angle of View (O) | 121.2°                            | 95.9° |

## DORI

|               |       |       |
|---------------|-------|-------|
| Lens (mm)     | 2.8mm | 4.0mm |
| Detect (m)    | 84    | 120   |
| Observe (m)   | 33.6  | 48    |
| Recognize (m) | 16.8  | 24    |
| Identify (m)  | 8.4   | 12    |

## ILLUMINATOR

|                   |                           |
|-------------------|---------------------------|
| IR Range          | Up to 30m (98ft) IR range |
| Wavelength        | 850nm                     |
| IR On/Off Control | Auto/Manual               |

## 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 IR                | Supported   |
| Flip                    | Normal/Vertical/Horizontal/180°/90° Clockwise/90°Anti-clockwise                             |
| Dewarping               | N/A   |
| HLC                     | Supported   |
| BLC                     | Supported   |
| Defog                   | Digital Defog   |

## 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;<br>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;<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             | Supported  |
| 9:16 Corridor Mode | Supported  |
| OSD                | Up to 4 OSDs   |
| Privacy Mask       | Up to 4 areas  |
| ROI                | Up to 8 areas  |
| Motion Detection   | Up to 4 areas  |

## EVENTS

|                  |   |
|------------------|---|
| Basic Detection  | Cross line, intrusion(based on human body detection) motion detection, tampering alarm, audio detection                       |
| General Function | Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication |

## AUDIO

|                   |           |
|-------------------|-----------|
| Audio Compression | G.711     |
| Suppression       | Supported |
| Sampling Rate     | 8KHZ      |

## STORAGE

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

## INTERFACE

|              |                                    |
|--------------|------------------------------------|
| Network      | 1 * RJ45 10M/100M Base-TX Ethernet |
| Built-in Mic | Supported                          |

## CERTIFICATION

|        |  |
|--------|--|
| EMC    | FCC: FCC Part 15                               |
| Safety | CE: EN 60950-1<br>UL: UL60950-1<br>IEC 60950-1 |

# SPECIFICATIONS

## NETWORK

|                        |  |
|------------------------|--|
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP  |
| 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<br>Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+   |

## GENERAL

|                     |   |
|---------------------|---|
| Power               | DC 12V±25%, PoE (IEEE 802.3af)<br>Power consumption: Max 4.5W       |
| Power Interface     | Ø 5.5mm coaxial power plug  |
| Dimensions (Ø x H)  | 118 x 95mm (4.6" x 3.8")  |
| Weight              | 0.36kg (0.79lb)   |
| Material            | Metal + Plastic   |
| Working Environment | -30°C ~ 60°C (-22°F ~ 140°F),<br>Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -30°C ~ 60°C (-22°F ~ 140°F),<br>Humidity: ≤95% RH (non-condensing) |
| Surge Protection    | 4KV   |
| Reset Button        | N/A   |
| Ingress Protection  | Ingression protection: IP67   |

# COMPATIBLE BRACKETS



Junction Box  
Waterproof Joint



Fixed Dome Indoor  
Pendent Mount



Fixed Dome and Fisheye  
Junction Box



Fixed Dome Outdoor Wall  
Mount with Junction Box



Fixed Dome Indoor/  
Outdoor Pendent Mount



Fixed Dome Indoor/  
Outdoor Pendent Mount



Bullet & Dome Corner  
Mounting Bracket



Pole Mount



3-inch Fixed Dome Indoor  
Wall Mount

# DIMENSIONS

