ALIBI®

VIGILANT PERFORMANCE SERIES

ALIBI VIGILANT PERFORMANCE 4MP ILLUMINITE STARLIGHT SMARTSENSE FIXED TURRET IP CAMERA

Key Specifications:

+ 4MP IP Turret Camera
+ 2.8mm fixed lens with 109 degree field of view
+ Starlight chipset (.0005 lux) for color in low light
+ Built-in white light LEDs for color video 24/7
+ Powerful human and vehicle detection analytics
+ 1/1 Alarm in/out; 1/1 audio in/out
+ Built-in mic support
+ 120dB True Wide Dynamic Range (WDR)
+ IK10 Vandal resistant housing design
+ IP67 protection for all weather conditions
+ MicroSD up to 256GB
+ NDAA Compliant
+ One-click Cloud firmware updating

The Alibi Vigilant Performance Series security camera delivers crisp video day or night with a Starlight chipset and built-in white light LEDs that help you capture color video 24/7.

+ **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.
+ **SmartSense technology** – utilizes AI deep learning developed data algorithms to identify human and vehicular targets with extreme accuracy and reduce false alarms.
+ **IllumiNite Technology featuring Starlight chipsets** – features an HD progressive scan CMOS sensor, capturing clear and vivid color images day or night – even in extremely dark environments.
+ **3D Digital Noise Reduction (DNR)** effectively filters noise to produce a crisper, clear video stream.
+ **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.
+ **True Day/Night feature** – allowing you to capture better images in any lighting conditions.
+ **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
  - Reduces overexposure of the IR LEDs at the center of the image
  - Increases illuminant efficiency up to 30%
  - Produces LED light in rectangle form to better fit screen size
  - Captures images up to 98 feet in the dark without washing out the subject at closer ranges
  - Reduces video noise for a clearer nighttime picture and reduces bandwidth consumption and video storage requirements

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

SPECIFICATIONS

CAMERA

Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS	
Lens	2.8mm@F1.0	4.0mm@F1.0
Angle of view(H)	108.6°	103.0°
Angle of View (V)	81.3°	69.2 °
Angle of View (O)	135.1°	134.6°
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s	
Minimum Illumination	Colour: Lux (F F1.0, AGC ON) 0Lux with IR on	
Day/Night	IR-cut filter with auto switch (ICR)	
S/N	>56dB	
Defog	Digital Defog	
WDR	120dB	
LEDs Number	2	
LED Distance	Up to m (ft)	

DORI

Lens (mm)	2.8	4.0
Detect (m)	43.4	62.1
Observe (m)	17.4	24.8
Recognize (m)	8.7	12.4
Identify (m)	4.3	6.2

VIDEO

Video Compression	Ultra265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps;4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; 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; 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
9:16 Corridor Mode	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

IMAGE

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	Supported
BLC	Supported

INTELLIGENT

Smart intrusion Prevention	Cross line, intrusion, enter area, leave area detection;
Face capture	Support

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
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

STORAGE

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

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
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
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: Chorme 57.0+, Firefox 58.0+, Edge 16+

SPECIFICATIONS

INTERFACE

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

CERTIFICATIONS

CE: EN 60950-1
UL: UL60950-1
FCC: FCC Part 15

GENERAL

Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max W
Dimensions (Ø x H)	129 x 110mm (5.1" x 4.3")
Net Weight	
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
Ingress Protection	IP67
vandal resistant	IK10
Reset Button	Supported

COMPATIBLE BRACKETS

Junction Box Waterproof Joint

Fixed Dome Indoor Pendent Mount

Fixed Dome and Fisheye Junction Box

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

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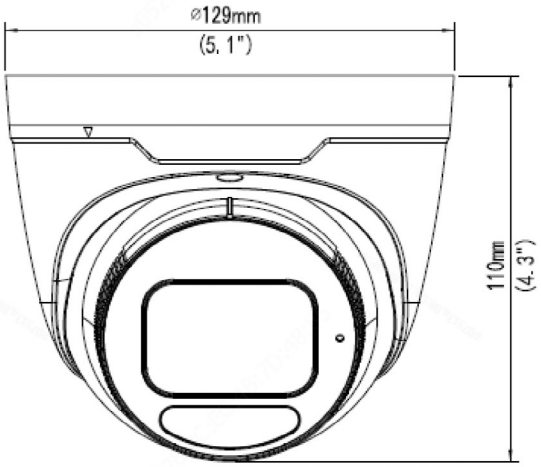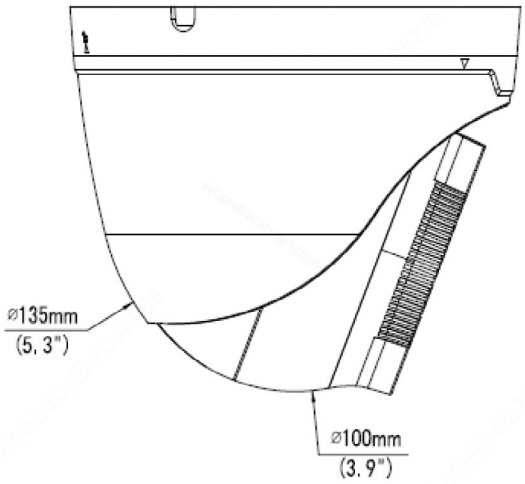
DIMENSIONS