



VIGILANT PERFORMANCE SERIES



ALIBI VIGILANT PERFORMANCE SERIES SMARTSENSE 2MP ANPR BULLET LICENSE PLATE CAMERA

Key Specifications:

- + 2MP industrial-grade sensor delivers 1920 x 1080 images
- + Starlight chipset for clear, color images in low-light conditions
- + 4.7 to 47mm motorized zoom lens enables flexible focal length adjustment
- + 2MP LED IR illumination beads provide up to 164 feet illumination
- + NDA Compliant
- + Auto gain control, white color balance, and WDR for crisp images in varying light conditions
- + Supports Micro SD cards up to 128 GB
- + Advanced H.265 encoding technology improves compression efficiency
- + 1 audio input and 1 audio output
- + SmartSense AI Analytics reduces false alarms by 95% for human and vehicle detection events
- + IP67 weatherproof rating and IK10 tamperproof rating

The IP License Plate Camera delivers crisp video day or night producing clear images and live streams for license plate capture and vehicle monitoring under the Alibi Vigilant Performance Series line. Designed and manufactured to comply with the latest technical requirements specified under NDA regulations. [Click here to learn more.](#)

- + **Multi-Megapixel Resolution Video** – 2MP resolution allows you to capture a high level of clarity and detail for most applications.
- + **Network Security** – Features robust networking and network safety protocols to prevent footage loss and access by unauthorized users.
 - Network auto-adaptability ensures fluent live video in relatively bad network conditions such as packet loss.
 - Supports SNMP.
 - Supports UNP for NAT traversal between public and private networks.
 - Supports integration by the third party via SDK or HTTP.
 - Supports authorized user access by password.
 - Supports HTTPS.
 - RTSP Authentication prevents unauthorized video stream requests.
 - IP address filtering prevents illegal access from untrusted IP addresses.
 - Gateway ARP protection prevents MAC address spoofing.
- + **3D Digital Noise Reduction (DNR)** effectively filters noise to produce a crisper, 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	1/2.8" 2MP CMOS
Focal length	4.7 to 47mm, motorized zoom
Shutter	Auto/Manual, range: 1/25 to 1/100000s
Minimum illumination	0.001lux (F1.6)

IMAGE

Image collection format	1080P@25 (default), 1080P@30, 1080P@50, 1080P@60
Resolution	"Main stream: 1080P (default), 720P, D1 Sub stream: 720P (default), D1, 2CIF, CIF Third stream: D1 (default), 2CIF, CIF"
Frame rate	60, 50, 30, 25 (default), 22, 20, 18, 16, 15, 12.5, 10, 8, 6, 5, 4, 3, 2, 1
Video compression	H.264 (default), H.265
ROI	Supports up to 8 regions
Video OSD	Supports 8 overlay areas and allows contents including date, time, date&time, zoom ratio, custom contents
Image OSD	Supports 8 overlay areas and allows contents including time, license plate number, device ID, camera ID, vehicle body color, allowlist, image authentication ID, custom contents (3 items), location

SMART

Application scenario	Vehicle speed \leq 90km/h. Supports simultaneous application to road and entry/exit scenes without switching. Supports license plate detection and recognition for up to 2 lanes in road scenes.
Vehicle detection mode	Video (default) or inductive loop
Capture vehicle head only	Support
License plate number recognition	Supports recognition of license plates with numbers and letters by default
Vehicle body color recognition	Supports 10 colors: red, green, blue, yellow, white, gray, black, purple, brown, pink
List configuration	Supports allowlist and blocklist configuration, each list allows 20,000 items. Supports import, export, add, and delete operations.
Barrier opening policy	Open barrier only for the recognized vehicles. Open barrier for all vehicles. Open barrier only for vehicles on the allowlist. Open barrier for vehicles not on the blocklist. Configurable Boolean output ID.

STORAGE

Edge Storage	Micro SD, Up to 256GB
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STRUCTURE

Illumination	Built-in integrated illumination module, including 4 IR LEDs, 50m illumination distance, automatic on/off control
Sunshield	Long sunshield
Bracket	3-axis mounting bracket
Junction box	The camera comes with a junction box for storing tail cable

INTERFACE

Network interface	1 x 10M/100M RJ45
Serial port	1 x RS485
Boolean output	1 relay output, withstand voltage: AC 125V/0.3A, DC 30V/1A
Boolean input	2 inputs, supports level/Boolean, with max level up to DC 5V
Audio interface	1 x audio input, 1 x audio output
Storage interface	1 x Micro SD card slot

GENERAL

Power supply	DC12V + 25% - 10% Max. power consumption: 20W Supports PoE (802.3at, class 4)
Dimensions (LxWxH)	386mm x 126mm x 130mm
Weight	2kg
Operating environment	-40° to 60°, \leq 90% RH
Ingress protection	IP67, IK10

COMPATIBLE BRACKETS



Pole Mount Adapter for
Bullet Cameras

DIMENSIONS

