![SecurityTronix logo]

ST-GIP4VFB-MZ-LPR

4MP, IP License Plate Recognition Bullet Camera
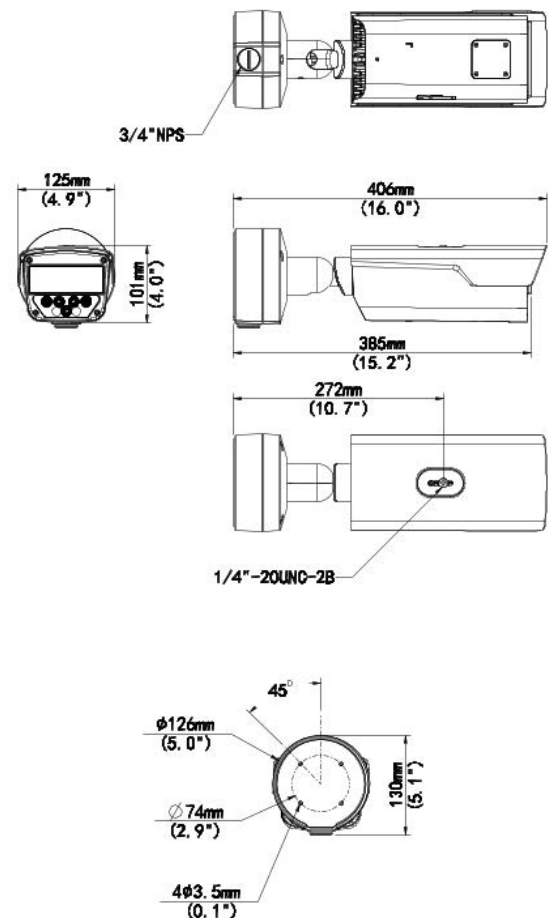
NDAA COMPLIANT

Key Features

- **8 to 32mm Motorized Zoom Lens:** Adapts effortlessly to different scenes for flexible installation and optimal coverage.

- **Advanced Imaging Capabilities:** Automatic gain control, white balance, and wide dynamic range (WDR) optimize image quality in challenging light.

- **Efficient Compression:** Triple stream support with H.265 technology for high-efficiency data compression.

- **Built-In Vehicle & License Plate Recognition:** Recognizes standard plates from multiple countries and supports customizable overlays of vehicle information.

- **Configurable Access Control:** Easily integrates with allowlists/blocklists and barrier systems for enhanced vehicle access control.

- **Robust Storage and Network Stability:** Supports up to 128GB Micro SD, with Automatic Network Replenishment (ANR) for seamless video storage during network interruptions.

- **High-Quality Audio and Network Flexibility:** Built-in audio collection, intercom, and network adaptability ensure clear audio and smooth video, even in challenging network conditions.

- **Comprehensive Security Protections:** Includes password-protected access, weak password detection, IP filtering, and RTSP authentication, plus HTTPS for secure web access.

- **Rugged, Reliable Design:** The durable cast aluminum body offers effective heat dissipation, while IP67 and IK10 ratings provide protection against water, dust, and impact.

Dimensions

3/4"NPS

125mm (4.9")

101mm (4.0")

406mm (16.0")

385mm (15.2")

272mm (10.7")

1/4"-20UNC-2B

45°

Ø126mm (5.0")

Ø74mm (2.9")

130mm (5.1")

4Ø3.5mm (0.1")

ST-GIP4VFB-MZ-LPR 4MP, IP License Plate Recognition Bullet Camera

Camera

Sensor	1/1.8-inch 4MP CMOS
Focal length	8 to 32mm
Shutter	Auto/Manual, range: 1/30 to 1/100000s
Minimum Illumination	0.002lux (F1.7)

Image

Image Collection Format	2688 x 1520@30 (default), 2688 x 1520@25
Resolution	Main stream: 2688 x 1520, 1080P (default), 720P, D1; Sub stream: 720P (default), D1, 2CIF, CIF; Third stream: D1 (default), 2CIF, CIF
Frame Rate	30 (default), 25, 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, allowlist, image authentication ID, custom contents (3 items), location

Storage

Edge Storage	Supports ANR with a Micro SD card, up to 128GB

Smart

Application Scenario	≤ 50mph (≤ 80km/h) for regular roads; supports vehicle speed measurement only for regular roads
Vehicle Detection Mode	Supports video detection
Capture vehicle head only	Support; When enabled, the camera will capture vehicle head based on the vehicle driving direction
License Plate Number Recogntion	Supports recognition of license plates with numbers and letters by defaultt
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

Structure

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

Interface

Network Interface	1 × 10M/100M RJ45
Serial Port	1 × RS485
Boolean Output	1 relay output, withstand voltage: AC 125V/0.3A, DC 30V/1A
Boolean Input	2 x input, supports level (up to DC 5V) and switch signal
Audio Interface	1 × audio input, 1 × audio output
Storage Interface	1 × Micro SD card slot

General

Power Supply	DC12V + 25% - 10%
	Max. power consumption: 20W
	Supports PoE (802.3at, class 4)
Dimensions (L × W × H)	15.19 x 4.96 x 5.11" (406 x 126 x 130 mm)
Net Weight	4.4 lb (2.1 kg)
Operating Environment	-40 - 140°F (-40 - 60°C), Humidity: ≤90% RH
Ingress Protection	IP67, IK10
Warranty	2-Year Limited Warranty