




IZA500G-SUN ALPR - Automatic License Plate Recognition - Solar Panel Powered, LTE Enabled Camera System was designed specifically for HOA, Neighborhood Security, & Police markets. Easy to Install and Operate: no Electrical or Cabling work required!

The all-in-one IZA500G ALPR Camera combines two sensors (IR and color), AI on-the-edge processing with NVIDIA GPU, and ALPR software in a single unit, delivering crystal clear images, automatically recognized license plate data, GPS coordinates, and streaming video.

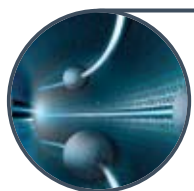
The IZA500G all-in-one camera system delivers the most accurate license plate reading system on the market. It features on the edge, real-time data processing, and maintains high accuracy in all lighting and weather conditions at vehicle speeds of up to 120 miles per hour.

The IZA500G-SUN all-in-one ALPR camera with LTE Communications capabilities creates an efficient, accurate and reliable platform, enabling HOA, Police operations management to prevent crimes and run faster forensics.


IZA500G-SUN ALPR Solution, paired with secure, cloud-based IZCentral System Management Software, enables storage of license plates for investigative use and automatic matching of the data to the vehicle's lists/databases (Members, VIPs, FBI, NCIC, etc.). IZCentral SQL database system can reside locally or on the cloud.




Dual Sensor Technology: Delivers both color and B&W infrared-illuminated images of the vehicle and license plate.




Edge Processing ALPR Engine: Less than ¼ of a second plate processing time.



LTE Communications (AT&T or T-Mobile): Enables the camera to communicate instantly with cloud management system and FBI & NCIC, etc. databases to Alert on the black listed vehicles in real time.



Solar Panel Powered: Easy Installation. No need for extensive electrical work.



Motorized Auto Focus: Easy deployment, seamless calibration, and improved ergonomics.



Stop Crime & Capture Evidence with IZA500G-SUN, EDGE Processing, LTE Empowered, Solar Panel Powered, True ALPR Camera System

General

Models

Operating Distance

Field-of-View (FOV)

Vehicle Speed Range

Internals

Sensor, ALPR

Sensor, OV

Lens

Shutter, ALPR

Operating System

GPU Unit

Environmental

Operating Temperature

Storage Temperature

Humidity

Salt Fog

Ingress Protection

USA Market Specs

IZA500G Series

9-19 ft (3-6m); 16-32 ft (5-10m)

12 ft (3.66m)

0-120 mph (0-193 km/h)

2MP Mono, 1920x1080, 0.0 Lux

2MP Color, 1920x1080

3-11mm; 12-40mm; Motorized, Auto Focus

25-1000 µsec, Sequencer Mode

Linux, Ubuntu 18.04

NVIDIA

-22°F to 140°F (-30°C to 60°C)

-22°F to 152°F (-30°C to 70°C)

0% to 98% non-condensing

Salt atmosphere with 5% salinity

IP67

Electrical

Input Voltage

Power Consumption

Operation

Illumination

Supported Codecs

Video Streaming

Recognition Software

Communication

Mechanical

Dimensions

(W x H x D)

Weight

Connections

24 VDC +/- 10%, Class 2 Low-Voltage

25 Watts

IR LEDs, Fixed Array

MJPEG, H.264, H.265

RTSP Protocol

On-The-Edge ROADVIEW ALPR Engine

10/100/1000 Base-T Ethernet

17.7" x 6.7" x 4.6"

(450 mm x 171 mm x 116 mm)

9.3 lbs (4.2 Kg)

Ethernet: Outdoor Pigtail Cable

Power: Outdoor Pigtail Cable

For more information about INEX TECHNOLOGIES' All-In-One ALPR/ANPR System products, and all our other solutions, please contact info@inextechnologies.com or call 865-671-1400 (for US) or +43 676 715 6066 (For International). Specifications subject to change without notice

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