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.
## General

<table>
<thead>
<tr>
<th>Models</th>
<th>IZA5000G Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Distance</td>
<td>9-19 ft (3-6m); 16-32 ft (5-10m)</td>
</tr>
<tr>
<td>Field-of-View (FOV)</td>
<td>12 ft (3.66m)</td>
</tr>
<tr>
<td>Vehicle Speed Range</td>
<td>0-120 mph (0-193 km/h)</td>
</tr>
</tbody>
</table>

## Internals

- **Sensor, ALPR**: 2MP Mono, 1920x1080, 0.0 Lux
- **Sensor, OV**: 2MP Color, 1920x1080
- **Lens**: 3-11mm; 12-40mm; Motorized, Auto Focus
- **Shutter, ALPR**: 25-1000 μsec, Sequencer Mode
- **Operating System**: Linox, Ubuntu 18.04
- **GPU Unit**: NVIDIA

## Electrical

- **Input Voltage**: 24 VDC +/- 10%, Class 2 Low-Voltage
- **Power Consumption**: 25 Watts

## Operation

- **Illumination**: IR LEDs, Fixed Array
- **Supported Codecs**: MJPEG, H.264, H.265
- **Video Streaming**: RTSP Protocol
- **Recognition Software**: On-The-Edge ROADVIEW ALPR Engine
- **Communication**: 10/100/1000 Base-T Ethernet

## Mechanical

- **Dimensions**: 17.7” x 6.7” x 4.6”
- **Weight**: 9.3 lbs (4.2 Kg)
- **Connections**: Ethernet: Outdoor Pigtail Cable
- **Power**: Outdoor Pigtail Cable

## Environmental

- **Operating Temperature**: –22°F to 140°F (–30°C to 60°C)
- **Storage Temperature**: –22°F to 152°F (–30°C to 70°C)
- **Humidity**: 0% to 98% non-condensing
- **Salt Fog**: Salt atmosphere with 5% salinity
- **Ingress Protection**: IP67

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**USA Market Specs**

- **IZA5000G Series**
  - Operating Distance: 9-19 ft (3-6m); 16-32 ft (5-10m)
  - Field-of-View: 12 ft (3.66m)
  - Vehicle Speed: 0-120 mph (0-193 km/h)

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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.