SOLAR PANEL POWERED

STOP CRIME WITH EASY TO INSTALL ALPR CAMERA SYSTEM

IZA800G-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 IZA800G ALPR Camera combines two sensors (IR and color), AI on-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.
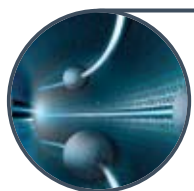
The IZA800G all-in-one camera system delivers the most accurate license plate reading system on the market. It features on-edge, real-time data processing, and maintains high accuracy in all lighting and weather conditions at vehicle speeds of up to 120 miles per hour.

The IZA800G-SUN all-in-one ALPR camera with LTE Communications capabilities creates an efficient, accurate and reliable platform, enabling Home Owners, Police, and Security operations management to prevent crimes, detect suspicious behavior, and run faster forensics.

IZA800G-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.).

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

INEX/TECH

Stop Crime & Capture Evidence with Easy to Install IZA800OG-SUN, EDGE Processing, LTE Connectivity, Solar Panel Powered, True ALPR Camera System

General

Models	**IZA800OG Series**
Operating Distance	32-82 ft (10-25m)
Field-of-View (FOV)	14 ft (4.25m)
Vehicle Speed Range	0-120 mph (0-193 km/h)

Internals

Sensor, ALPR	2MP Mono, 1920x1080, 0.0 Lux
Sensor, OV	2MP Color, 1920x1080
Lens	12-40mm, Motorised, Auto Focus
Shutter, ALPR	25-1000 µsec, Sequencer Mode
Operating System	Linux, Ubuntu 18.04
GPU Unit	NVIDIA

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

System Managment

IZCentral (SQL Database)	Secure Cloud Storage

Electrical

Battery	14Ah
Solar Panel (14" x 21")	30W

Connectivity

Cellular LTE Connection	Service depends on the area (AT&T, Verizon or T-Mobile)

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"
(W x H x D)	(450 mm x 171 mm x 116 mm)
Weight	9.3 lbs (4.2 Kg)
Connections	Ethernet: RJ45 outdoor connector
	Power: M12 outdoor connector

Add-on Software

Vehicle ID	Vehicle Type, Color, Make, & Model

USA Market Specs. Specifications subject to change without notice