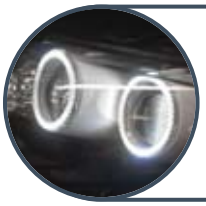
DUAL SENSOR ALL-IN-ONE ALPR CAMERA SYSTEM



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.**

Built-in IR Multi-Shutter Illumination System: **Enables the camera to capture multiple plate images, ensuring the highest quality photo, in all lighting and weather conditions.**

Anti-Glare Technology: **Eliminates headlight glare, providing legible plate images with high contrast.**

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

IZA800G ALPR - Automatic License Plate Recognition - Camera System was designed specifically for the ITS and Video-based Tolling markets.

The all-in-one IZA800G combines two sensors (B&W and color), a quad core processor, 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 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 enables Tolling and ITS lane operators to enforce toll violations, monitor traffic, and perform video tolling. The LPR system transmits the vehicle's license plate number and associated images to the management center for further processing, without any additional lane hardware.

The IZA800G all-in-one ALPR system decreases lane costs and increases recognition performance. Additional performance improvements can be achieved when the IZA800G is coupled with the company's proprietary InSignia™ Time & Place (TaP) Enhanced Recognition Technology.

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INEX TECH

IZA800G ALL-IN-ONE ALPR SYSTEM FOR FREE-FLOW

Improve Quality of License/Number Plates Reads with IZA8000G ALPR Series Camera System

General

Models	**IZA8000G Series**
Operating Distance	16-32 ft (5-10m); 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

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-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

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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