



**IZA800** ALPR - Automatic License Plate Recognition - Camera System was designed specifically for the ITS and Video-based Tolling markets.

All-in-one IZA800 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 IZA800 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 IZA800 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 IZA800 all-in-one ALPR system decreases lane costs and increases recognition performance. Additional performance improvements can be achieved when the IZA800 is coupled with the company's proprietary InSignia™ Time & Place (TaP) Enhanced Recognition Technology.



**Dual Sensor Technology:** Delivers both color and B&W in infrared illumination images of the vehicle and the license plate.



**Built-in Real-Time ALPR Engine:** Less than ¼ of a second plate processing time.



**Multiple Flash Technology with IR 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.



**Easy Integration:** INEX TECHNOLOGIES' Tolling products are installed on over 800 toll lanes in North America



### Improve Quality of License/Number Plates Reads with IZA800 ALPR/ANPR Series Camera System

#### General

Models	<b>IZA800</b>
Operating Distance	10 – 70 Ft (3 – 21 m)
Vehicle Speed Range	0 – 120 mph (0 – 193 km/h)
Field-of-View	Up to 14 Ft (4.25m)

#### Internals

Sensor, ALPR	1.2MP Mono, 1280p, 0.0 Lux
Sensor, OV	2MP Color, 1280p
Lens	CS Mnt (LPR), M14 Mnt (OV)
Shutter	1/500 to 1/100,000
Operating System	Windows 8 Embedded
Processing	Intel® Atom™
Communications	10/100/1000 Gigabit Ethernet

#### Environmental

Operating Temperature	-25°F to 140°F (-31°C to 60°C)
Storage Temperature	-40°F to 152°F (-40°C to 70°C)
Humidity	0% to 98% Non-condensing
Salt Fog	Salt atmosphere with 5% salinity
Rating	IP67

#### Electrical

DC Voltage	24 VDC +/- 10%, Class 2 Low-Voltage
Power Consumption	15 Watts, 35 Watts with a heater

#### Operation

Illumination	IR LEDs, Fixed Array
Exposure	User Selectable Sequencing
Video Output	MJPEG, MPEG-4, H.264
Recognition Software	InSignia™ ALPR Engine
Network Interface	10/100/1000 Ethernet
Power Management	ACPI 3.0 Compliant

#### Mechanical

Dimensions (W x H x D)	17.7" x 6.7" x 4.6" (450 mm x 171 mm x 116 mm)
Weight	5 lbs (2.2 Kg)
Connections	1 x Ethernet (Cat5e)
(Corded "Pigtails")	1 x Power (2-Con/Shld/18awg)

*For more information about INEX TECHNOLOGIES' All-In-One ALPR/ANPR System products, and all our other solutions, please contact [info@inextechnologies.com](mailto:info@inextechnologies.com) or call 865-671-1400 (for US) or +43 676 715 6066 (For International).*