



IZA8000RT ALPR - Automatic License Plate Recognition - Camera System was designed specifically for the ITS and Video-based Tolling markets.

The all-in-one IZA8000RT 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 IZA8000RT 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 IZA8000RT 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 IZA8000RT all-in-one ALPR system decreases lane costs and increases recognition performance. Additional performance improvements can be achieved when the IZA8000RT is coupled with the company's proprietary InSignia™ Time & Place (TaP) Enhanced Recognition Technology.



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



14' Field of View Coverage: INEX TECHNOLOGIES' Tolling products are installed in over 800 toll lanes in North America



Improve Quality of License/Number Plates Reads with IZA8000RT ALPR Series Camera System

General

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|---------------------|--|
| Models | IZA8000RT |
| Operating Distance | Reflective plates: 40-95 ft (12-29 m) Non-reflective plates: 40-65 ft (12-20 m) |
| Field-of-View (FOV) | 14 ft (4.25m) |
| Vehicle Speed Range | 0-120 mph (0-193 km/h) (for reflective plate at center of FOV) |

Internals

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|------------------|----------------------------------|
| Sensor, ALPR | 3.19MP Mono, 2064x1544p, 0.0 Lux |
| Sensor, OV | 3.19MP Color, 2064x1544p |
| Lens | 12-50mm, Manual |
| Shutter, ALPR | 25-1000 µsec, Sequencer Mode |
| Operating System | Windows 10 |
| Processing Unit | Intel® E3845, Quad Core |

Environmental

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|-----------------------|----------------------------------|
| 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

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

Operation

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|----------------------|-----------------------------|
| Illumination | IR LEDs, Fixed Array |
| Supported Codecs, OV | MJPEG, H.264 |
| Recognition Software | InSignia™ ALPR Engine |
| Communication | 10/100/1000 Base-T Ethernet |

Mechanical

| | |
|---------------------------|--|
| Dimensions (W x H x D) | 17.7" x 6.7" x 4.6" (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