

## FEATURES & BENEFITS

- Fully Digital All-In-One Imager In Single Housing
- Fanless, Ultra-Low Power, Super-Small Intel® Atom™ Processor
- Available In **10 And 14 Ft (3 And 4.25 m)** Fields-of-View
- Dual-Streaming Digital Color Overview Output For Color Scene Imaging And ONVIF-Compliant Video For VMS/NVR/DVR
- Captures Vehicles At Speeds Up To 120 mph (193 km/h)
- Ideal For Access Control, Safe City Initiatives And Revenue Parking Installations



*IZA500 Series All-In-One Imager*



*IZA500 Series All-In-One Imager With IZ Wall Mount*

INEX/ZAMIR's **IZA500 SERIES ALL-IN-ONE IMAGER** represents the finest vehicle identification imager technology in the world. As the acknowledged imager technology standard for accurate vehicle identification by automatic license plate recognition, the **IZA500 SERIES ALL-IN-ONE IMAGER** is the complete all-in-one imager/processor solution for all your vehicle identification needs.

Mounted to a flat surface, pole or gantry, the **IZA500 SERIES ALL-IN-ONE IMAGER** automatically captures all vehicles crossing its path. No longer tethered to a separate processor, the **IZA500 SERIES ALL-IN-ONE IMAGER** is a true vehicle identification system unto itself. Each passing vehicle's identifying data is captured, read, and stored in a database within milliseconds. The imager/processor produces up to 60 frames of video per second, allowing capture of passing vehicles traveling at speeds in excess of 100 mph.

A major handicap of many CCTV cameras deployed for security and surveillance is their inability to deliver reliable ALPR results with high resolution overview scene images in a single unit. The **IZA500 SERIES ALL-IN-ONE IMAGER** solves this dilemma by combining a fully functional ALPR imaging system coupled with a multi-stream high resolution color scene video imaging system in one complete package.

The **IZA500 SERIES ALL-IN-ONE IMAGER**, with its built-in synchronized LED illumination in a ruggedized IP66 housing, ensures accurate vehicle identification data at any time of the day, regardless of weather or lighting conditions. The imager/processor's single housing also simplifies installation and long-term maintenance, helping to minimize costs faced with separate ALPR and overview scene devices.

**Let us know how INEX/ZAMIR can help your organization with your automatic vehicle identification needs today.**

## IZA500 SERIES ALL-IN-ONE IMAGER TECHNICAL DATA

General		Environmental	
Models	<b>IZA500N, IZA500W</b>	Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Distance	10 – 50 Ft (3 – 15 m)	Storage Temperature	-40°F to 152°F (-40°C to 70°C)
Vehicle Speed Range	0 – 120 mph (0 – 193 km/h)	Humidity	0% to 85% Non-condensing
Field-of-View, <b>IZA500N</b>	Up To 10 Ft (3 m)	Rating	IP66
Field-of-View, <b>IZA500W</b>	Up To 14 Ft (4.25 m)		
Internals		Operation	
Sensor, ALPR	1.2MP Mono, 1280p, 0.0 Lux	Illumination	IR LEDs, Fixed Array
Sensor, OV	1.2MP Color, 1280p	Exposure	User Selectable Sequencing
Lens	CS Mnt (LPR), M14 Mnt (OV)	Video Output	MJPEG, MPEG-4, H.264
Shutter	1/500 to 1/100,000	Recognition Software	InSignia™ ALPR Engine
Operating System	Windows 7 Embedded	Network Interface	10/100/1000 Ethernet
Processing	Intel® Atom™	Power Management	ACPI 3.0 Compliant
Memory/Storage	2GB DDR RAM, 16GB SSD		
Communications	10/100/1000 Gigabit 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	5 lbs (2.2 Kg)
		Connections (Corded "Pigtails")	1 x Ethernet (Cat5e) 1 x Power (2-Con/Shld/18awg)
Electrical			
DC Voltage	24 VDC +/- 10%, Class 2 Low-Voltage		
Power Consumption	20 Watts		

## INEX/ZAMIR SOLUTIONS USING IZA500 SERIES IMAGER/PROCESSOR

	<b>IZAccess, IZSecurity, IZSurveillance, IZSafeRoad</b>	<ul style="list-style-type: none"> <li>❑ Designed For Access Control, Security And Law Enforcement</li> <li>❑ Users Move From Reactive To Predictive Security Postures</li> <li>❑ Integrations With <b>OnSSI, Verint, NICE, Vicon, VidSys</b>, Others</li> </ul>
	<b>IZParking</b>	<ul style="list-style-type: none"> <li>❑ Designed For Airport, Event Venue, Garage Parking Facilities</li> <li>❑ Revenue Fraud Protection, Ready-Made Occupancy Study Data</li> <li>❑ Integrations With <b>SkiData, Amano-McGann, TIBA</b>, Others</li> </ul>
	<b>Custom Applications</b>	<ul style="list-style-type: none"> <li>❑ INEX/ZAMIR Can Help You With Any Special Application Needs You Have</li> </ul>

## ABOUT INEX/ZAMIR

INEX/ZAMIR has been supplying proven ALPR (Automatic License Plate Recognition) / ANPR (Automatic Number Plate Recognition) technology since 1993. We are the resource that organizations around the world turn to for license plate reader cameras and tailored solutions. Using advanced IR (infrared) LED technology, INEX/ZAMIR solutions effectively capture license plate data from passing vehicles in real time at any time, day or night.

**For More Information On INEX/ZAMIR's All-In-One Imager Products, And All Our Other Solutions, Please Contact [INFO@inexzamir.com](mailto:INFO@inexzamir.com) or call 865-671-1400 (for US) or +972 (2) 545 1000 (For International).**