

FEATURES & BENEFITS

- Provides ALPR data from two video streams with up to 15 fps processing rate on each stream
- Includes Linux-based IZ-LANE-MANAGER AGENT Software
- Ideal For Security, Access Control, Surveillance, Safe City Initiatives, Parking, and Car Wash ALPR based applications



IZODPU-G Processor

- Fully compatible with all INEX’s integrations via IZCentral System Management Software
- IZODPU-G is ideal for outdoor applications
- Field mountable connectors

INEX-TECH’s IZODPU-G OUTDOOR ALPR PROCESSOR is a small, POE powered, Linux-based outdoor appliance designed for a license plate recognition (ALPR) processing. It delivers the power of modern AI technologies to ALPR System. The **IZODPU-G OUTDOOR ALPR PROCESSOR** can be easily mounted on any surface, including racks, shelves, walls, gantries, and poles and in any operating environment, including data centers and outdoor locations. The DPU connects to any Ethernet network and transmits vehicle recognition metadata and images using a standard TCP/IP network to site-level and cloud-based applications.

The **IZODPU-G OUTDOOR ALPR PROCESSOR** is a part of INEX IZ600 ALPR Series System, which turns the captured vehicle image into computer-readable vehicle identification data via an onboard vehicle recognition algorithm process. The **IZODPU-G PROCESSOR** also works with any third-party cameras that support the RTSP streaming protocol and H.264 encoding. The **IZODPU-G OUTDOOR ALPR PROCESSOR** receives and processes video streams from the connected ALPR systems, generates vehicle identification data, and then transmits the data and associated event images over a LAN or wireless cellular connection to the INEX-TECH IZCENTRAL SYSTEM MANAGER and/or a third-party back office system.

The **IZODPU-G OUTDOOR ALPR PROCESSOR** comes equipped with a Quad-core ARM Cortex-A57 MPCore processor, which offers high-level processing power for demanding projects.

The **IZODPU-G PROCESSOR** can be used with any INEX-TECH ALPR System, supporting either one or two connections. The **IZODPU-G** uses high quality, low power industrialized components for a maintenance free equipment lifetime. It comes fully configured for immediate deployment.

INEX TECHNOLOGIES

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IZODPU-G PROCESSOR SPECIFICATIONS

INEX Cameras	IZ600, IZ600F, IZB600F, IZE600F
3-rd party cameras	Any camera which supports RTSP streaming protocol, and H.264 encoding can be integrated with IZODPU-G
Streaming Protocol	RTSP
Video Streams	2 simultaneous streams
Video Compression	H.264
Processing Frame rate	15 fps x 2 streams
GPU	NVIDIA Maxwell architecture with 128 CUDA® cores
CPU	Quad-core ARM Cortex-A57 MPCore processor
RAM	4 GB 64-bit LPDDR4, 1600MHz 25.6 GB/s
Storage	MicroSD, 64 Gb
Connections	1 x Ethernet RJ45, IP67 rated, POE
Buttons	1 x Illuminated power switch, IP67 rated
POE Network Switch	Available, Not Included
LAN interface	10/100BaseT Ethernet auto sensing
Power Supply	PoE 802.3af/at
Power Consumption	12 Watts
Cable connector	Outdoor IP67, included
Ingress Protection	IP67
Operating Temperature	- 4°F - 140°F (-20°C – 60 °C)
Humidity	10% ~ 90% RH
Housing Mountings	x4 mounting flanges, D-5.2, 190x125
Housing Color	Silver
Physical Characteristics	Dimensions (W x H x D) 6.18" x 3.43" x 8.03" (157 x 87 x 204 mm)

INEX-TECH SOLUTIONS USING IZODPU-G OUTDOOR PROCESSOR

	IZAccess, IZSecurity	<ul style="list-style-type: none"> ▣ Designed For Access Control, Safe City Initiatives And Law Enforcement ▣ Helps Users Move From Reactive To Predictive Security Postures ▣ Integrations With Salient LPR, Lenel, TYCO, OnSSI, Verint, NICE, Others
	IZParking	<ul style="list-style-type: none"> ▣ Designed For Airport, Event Venue, Garage Parking Facilities ▣ Revenue Fraud Protection, Ready-Made Occupancy Study Data ▣ Integrations With SkiData, Amano-McGann, ParkAssist, Others
	IZToll, IZTravelTime	<ul style="list-style-type: none"> ▣ Designed For Tolling Systems And Departments Of Transportation ▣ Reduces Need For Human Review, High Value Multi-Purposed Data ▣ Integrations With ETC, TransCore, Kapsch, Sanef-ITS, Telvent, Others
	Custom Applications	<ul style="list-style-type: none"> ▣ INEX-TECH Can Help You With Any Special Application Needs You Have

INEX-TECH 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-TECH solutions effectively capture license plate data from passing vehicles in real time at any time, day or night.

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