

VEZHA License Plate Recognition



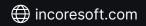
Product Description

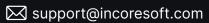
Cutting-edge LPR analytics, powered by IncoreSoft improves security systems, creates safe and smart cities with high recognition accuracy, using neural networks in a traffic flow at speeds up to 300 km/h or up to 185 mph. IncoreSoft utilizes mobile and fixed LPR solutions that are designed to work stand-alone, or to be integrated with any third party hardware and software. LPR software with its newest technology will be able to identify license plate characters even in a low quality real world traffic video stream.

VEZHA License Plate Recognition Features

- 99.6% recognition rate (including low quality, dirty, blurred, and damaged plates) up to 300 km/h (185 mph)*
- 100+ countries license plate support
- Make, model, color, direction of vehicle, country/state, speed recognition
- ADR (Accord Dangereuses Route) Recognition
- Up to 6 lanes support
- Unlimited lists (black, white, VIP, etc) quantity with different rules
- Not limited number of license plates that can be recognized in one frame
- Works on plates with 2 or 3-rows, ordinary, inverse, and special types of license plates
- License plate for recognition:
 - Europe minimum: 48x12 px (WxH), recommended: 100×25 px (WxH)
 - America minimum: 50x25 px (WxH), recommended: 100×50 px (WxH)
 - Arabs minimum: 70x25 px (WxH), recommended: 100×35 px (WxH)

^{*}subject to the instructions for camera installation







General Information

Supported Operating Systems	Linux / Windows
Supported Platform	x86_64 / Nvidia Jetson
Supported Hardware Acceleration	Intel OpenVINO / NVIDIA TensorRT
Supported Database	MySQL / PostgreSQL / MS SQL / Oracle

Interface

RTSP / HTTP / HTTPS / ONVIF
MKV; MP4; ASF; AVI; MJPEG
MPEG-4; MJPEG; H.264; H.265
10+ fps for 100 km/h
Number plate OCR result
Number plate type
Make & Model
Vehicle color
ADR
Vehicle category
Country / State
Timestamp
JSON / XML / CSV

Main Functionality

+ + +
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VMS Integration

Event based integration	Luxriot Evo, Milestone XProtect, Nx Meta, Genetec, Pelco and other
Plugins integration	Luxriot Evo, Milestone XProtect, Nx Meta, Pelco

Security Features

Active Directory / LDAP	+
Groups and roles support	+
Encryption of all packages	+

