VEZHA

License plate recognition

Opportunities:

⌐ Capture and recognition of license plate for 8-30 ms

⌐ Determination of brands, models and colors of vehicles

⌐ Trajectory and direction analysis

⌐ Building the route of the vehicle

⌐ There is support for the definition of single and double-row, ordinary, inverse and special types of license plates

⌐ Search/ Filter recognition data in the archive

⌐ Processing lists: creating whitelists/ blacklists

⌐ Notification settings: send to Email / Telegram / SMS

⌐ Restricted access to notifications for determined user group

⌐ Ability to upload an hour, day, week or month report

⌐ API integration
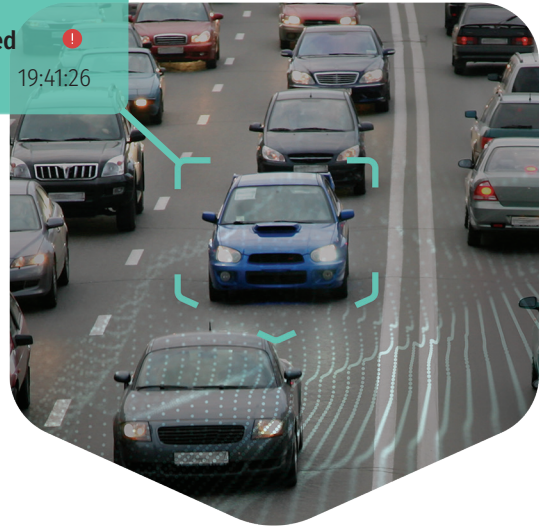
B KW 7165

Brand: **Subaru**
Model: **Imprezza**
Color: **Blue**
Year: **2004**
List: **Wanted**
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99%
recognition accuracy

up to **250** km/h
traffic speed for recognition

70+ countries
license plate recognition

Areas of use:

state institutions

schools and kindergartens

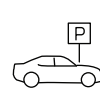customs airports railway stations

business centres

shopping centres

banks

hotels

parking lots

private use

Search for cars that are in the wanted database

Organizing measures to intercept, search or detain vehicles in the event of an offense

Automatic detection of transport belonging to employees of the company or organization, customers or residents

Arrangement of automatic opening of the barrier at the entrance/exit of the parking lot

License plate recognition

Minimum server and client requirements for 1 video stream

CPU	Intel Core i5-5575 and newer
MEMORY, RAM	2 GB RAM
HD	128 GB
OPERATING SYSTEM	Ubuntu 18.04
GPU	Nvidia Pascal (gpu architecture) or newer

Specifications

Detection time	8 to 30 ms
Recognition rate	99%
License plate size	minimum: 80px, recomended 120-150px
License plate rotation	up to 25º
Camera position	up to 30º, either horizontal or vertical
Supported protocols	H.264/MJPEG/RTSP
Supported VMS	MILESTONE
Supported cameras	All cameras, RTSP
Maximum number of cameras	Unlimited, depending on the PC or Server
Other video sources	Avi Files, Ficheros Jpeg, Bmp
2 line license plates	Yes
Motorbike license plates	Yes
Database	MS SQL Server Express, MySQL, PostgreSQL
Third Party Integration	JSON messages via HTTP or MessageQueue
Notifications	Email, SMS, Telegram
Language	English, German, French, Ukrainian, Russian
Supported countries	More than 70 countries

Video stream requirements

Connection	RTSP
Codecs	H.264/MJPEG
Frame rate	15+
Resolution	minimum: 720p, recommended: 1080p
CCD / CMOS:	1 / 1.8 or higher