

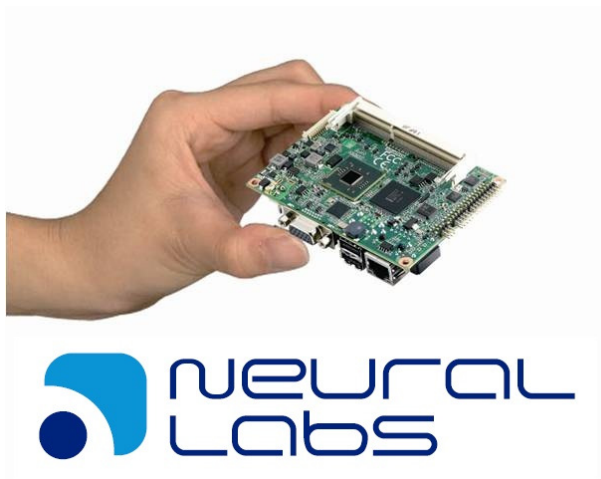


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NL ALPR BOARD

AUTOMATIC LICENSE PLATE RECOGNITION READER BOARD

Add Number Plate Recognition functionality to your cameras and get an “all in one system”



Vehicle Plate Automatic Reader Applications

ACCESS CONTROL

- Use of the vehicle plate as a “key” for accessing an area.
- Linking the vehicle plate to the ticket number in order to manage lost tickets and avoid fraud.
- Restricted access to pedestrian areas.

TRAFFIC SUPERVISION

- Fraud detection at tolls.
- Speed control.
- Red Light Enforcement.

VEHICLE INVENTORY

- In addition to the image of the vehicle plate, additional images of the vehicle as it enters the area are taken and stored in a DB.

POLICE SURVEILLANCE

- Reading of vehicle plates using an on-board camera.
- Checking of the vehicle plates against blacklisted plates.

MANAGEMENT OF TRANSPORT FLEETS AND OTHERS

- Linking vehicles number plates to their weight.

TOLLING

- ETC (electronic toll collection system)

Add Number Plate Recognition functionality to your cameras with our NL ALPR Board.

By connecting a NL ALPR Board to each camera you will get distributed, scalable and complete ANPN systems increasing processing power and lowering network bandwidth requirements.

Save development time with NL ALPR BOARD.

NL ALPR BOARD – *Neural Labs Automatic License Plate Reader Board* – is a mini PC based on Linux that integrates the Neural Labs ANPR engine and multiple communication protocols to acquire images from cameras like Axis, Jvc, Mobotix, Lilin, Vivotek, IDS-IMAGING, etc

Our Engine VPAR is done using proprietary image analysis and neural networks algorithms to reach a spectacular reliability even in the worst conditions.

Systems that work read vehicle plates with
Neural Labs technology



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Supported Countries

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Description of the product



- NL ALPR Board can be placed anywhere in the network even inside the camera housing.
- It can be triggered with an external event
- It can receive trigger directly from cameras with I/O capabilities
- Configuration is done using a web interface
- Recognized number plates are sent to the desired host using xml and TCP/IP sockets (number plate, image, confidence, etc)
- It can be configured to work on a multi-shot basis.

Technical features

- Mini PC based con Atom and Linux
- Neural Labs ALPR Engine (VPAR) embedded.
- Monitoring and setup using a web interface.
- Works with all motion Jpeg cameras (Axis, JVC, Mobotix, Lilin, Vivotek, etc).
- Works with IDS-IMAGING cameras.
- TCP/IP interface.
- Proprietary neural technology constantly evolving and improving
- Up to **98% reliability rating** (including damaged vehicle plates, etc.).
- Extreme perspective Correction.
- Available for Stop & Go and Free-Flow applications.