VAIDIO™

LICENSE PLATE RECOGNITION (LPR)

www.aicuda.world

Vaidio's License Plate Recognition (LPR) is a real-time, high-performance software solution used to identify and analyze license plates from over 100 countries worldwide. LPR is an application module available in the Vaidio platform, which is easy to deploy, maintain, and scale from small business to enterprise-level systems.

The LPR floating license enables one to use the networks of IP-based surveillance cameras for multiple AI functions to monitor suspicious or anomalous behavior, improve access control, and match against watch lists, especially at choke points where vehicles enter or exit a facility.
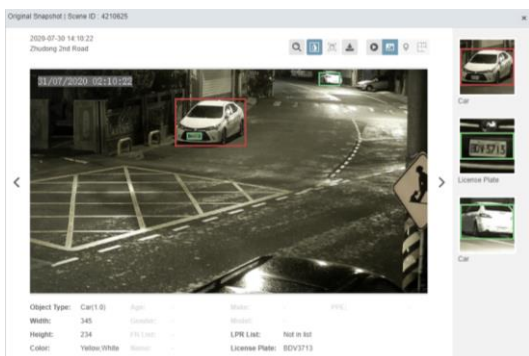

Livestream

IP Cameras

Playback, upload

**Video Source
(NVR, File)**

VAIDIO

Search/Event results

**Web & Mobile
Interface**

Action (TCP/HTTP)

**Alarm, Alert,
Access, Email, VMS**

FEATURES

- Identify license plates as they become identifiable in the camera field of view
- Select one of three available modes to optimize AI computing resources and accuracy
  - Parking Lot mode: car speed < 5 mph; require 2 AI resources per LPR channel.
  - City Road mode: car speed within 5-40 mph; require 4 AI resources per LPR channel.
  - Highway mode: car speed > 40 mph; require 6 AI resources per LPR channel.
- Processes videos from multiple camera live streams
- Match detected license plates with those on saved lists
- Utilize partial and full license plate search
- Search in recorded video and/or preconfigured lists
- Show the detected event on the map based on camera's location
- Track car from automatic mapping based on camera location and time of detection
- Set alert schedule to avoid unwanted notifications at specified times
- Support live view of vehicle entries / exits
- Display cropped snapshots of detected license plates and the corresponding 10-second clip of the event

BENEFITS

- Support license plate / automatic number-plate recognition (LPR/ANPR) at highway speeds
- Integrate with existing VMSs and NVRs such as Milestone, Panasonic, etc.
- Work with nearly all standard ONVIF IP-based cameras
- Receive floating license to enable flexibility in assigning LPR functionalities to choke points of high sensitivity
- Read license plate images at a slight angle (~20 degrees, not completely facing cameras)
- Adapt to different lighting and weather conditions
- Support the license plate formats and languages of 100+ countries
- Provide real-time alerts
- Save identified plates to lists for future use
- Record detected license plates with time stamps and camera names in history for easy review
- Improve safety, security, & situational awareness
- Reduce staff video monitoring time
- Finish forensic searches within seconds
- Eliminate false alarms by accurately identifying and filtering based on object type, color and quantity

www.aicuda.world

About Aicuda Technology

The Aicuda Vaidio™ AI Vision Platform orchestrates multiple AI video analytics engines to provide higher accuracy and lower total costs across the industry's broadest array of video analytics. Vaidio solutions are deployed by government organizations, airport and maritime authorities, defense departments, schools and campuses, manufacturing and healthcare facilities and other critical infrastructure organizations across the globe to rapidly detect, track, identify, search, and view thousands of objects and receive real-time notifications of critical events. Aicuda's patented self-learning video analytics software seamlessly integrates with a large variety of 3rd party products. Aicuda sales and engineering teams are strategically located to provide services and support to customers around the world.

Aicuda Technology Netherlands, Ketelven 2, 5464 PS, Veghel
Aicuda Technology Taiwan, No. 222, Shijie Rd. East Distr. Hsinchu City 300195
Sales Support: sales@aicuda.world
Tech Support: support@aicuda.world