



Ernitec cameras with built-in license plate recognition

Ref. VaxALPR On Camera

LPR in camera

Find out more at: www.vaxtor.com



VaxALPR On Camera is the leading OCR software for license plate detection and recognition embedded in Ernitec cameras with CV2x chipsets



Overview

- Real time plate detection and recognition
- Software embedded in Ernitec cameras
- Easy to install, set up and configure
- Recommended for parking, access control, security, urban environments, smart surveillance, etc.



Hardware

- Axis Network camera (IP camera with built-in analytics)
- Excellent image quality in both day & night
- Integral IR illuminator
- Integral Motorized Zoom Lens 18-137 mm



Software

- Country identification increases OCR performance
- Recognition rate to above 99% **
- Directional Filtering
- On-board whitelist and blacklist management
- User definable ROIs (Multiple Regions of Interest)



Operating mode

- Triggered: Recognition is initiated by an external event
 - I/O camera port
 - TCP event
- Free flow: Continuous recognition



Results in real time

- Data reported includes:
 - License plate, date & time, etc.
 - Direction of travel
 - Sub-image of the plate (plate patch)
 - Position of the plate within the original image
- Reporting options
 - Open, specific and RAW formats
 - ONVIF protocol
 - Milestone / Genetec Analytics Events
 - XML or JSON object through HTTP POST
 - Plate in ASCII format
 - ... and many other reporting options.

** Accuracy rate provided as a reference and obtained in a real traffic environment using a CV2x Ernitec camera installed and set up following the user guides available in Vaxtor's website <https://www.vaxtor.com/vaxalpr-on-camera/>