

# Axis cameras with built-in license plate recognition

Ref. VaxALPR On Camera

LPR in camera



Find out more at: [www.vaxtor.com](http://www.vaxtor.com)

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VaxALPR On Camera is the leading OCR software for license plate detection and recognition embedded in Axis cameras with ARTPEC-6 & 7 chipsets



### Overview

- Real time plate detection and recognition
- Software embedded in Axis 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
  - VAPIX 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
  - VAPIX / 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 Q1700 Axis camera installed and set up following the user guides available in Vaxtor's website <https://www.vaxtor.com/vaxalpr-on-camera/>