# Axis cameras with built-in license plate recognition

**Ref. VaxALPR On Camera**

**LPR in camera**

E 1111 BBB

*Find out more at: 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 & 8 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/*

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