

An AI-based inspection system can reliably identify license plates regardless of vehicle type, characters, speed and traffic density - even under difficult viewing angles, light and weather conditions.

In addition to number plates, other features can also be identified: vehicle type, road conditions, etc.

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# Deep LPR / ANPR

License plate recognition powered by AI.

## Areas of application

Artificial Intelligence as a tool for License Plate Recognition



### Automated payment

Time-saving alternative to parking tickets. E.g. hotel, corporate parking, car rental stations.



### Automated access control

E.g. shopping centre, hotel, sports stadium, airport.



### Measure traffic density

Determines the current and average traffic density and detects traffic jams.



### Detect offences

E.g. passing red lights, service roads, bus lanes, etc.

## Advantages of Wahtari AI systems

KI Model | KI Software | KI Hardware



### High precision

Secure identification even in poor visibility conditions.



### Extreme performant

Capturing and evaluation of license plates is done in real time.



### Easy Adjustments

Easy training of new regions & fonts.



### Edge computing

No additional expenses for data centers thanks to onboard detection.



### Seamless Integration

Easy integration with third-party applications via API.



### Replace staff

Automatic control of vehicles, etc.

**AI based image recognition enables the development of Smart Traffic Solutions**, e.g. barrierless tolls and Smart Traffic Lights. Thus, data about road traffic can be collected, analyzed and evaluated in real time.

**With more than half a billion vehicles registered worldwide, the license plate remains the preferred method for identifying vehicles.** Other identification technologies, such as RFID, are establishing themselves only very slowly or not at all.

**Deep Learning** enables us to achieve the highest recognition performance and to support new regions on short notice. The modularity of our systems

allows us to implement adaptation requirements in an uncomplicated manner.

**DLPR is not limited to the characters of a specific country, but can be adapted to all types of characters.**

Although DLPR works best with our DLPR smart cam, it can also be applied to other systems or even used over the cloud. Wahtari DLPR is extremely versatile and suitable for both the private and public sector.

## KI Partner Wahtari

We provide you with ready-to-use AI systems that are tailored to the real conditions of your company. Our optimized pipeline enables us to realize projects for any budget.

We support your business to benefit from the opportunities of cutting-edge technology and setting yourself apart from your competitors.

## About Wahtari

- Experts for AI based image recognition
- Experience in many different industries
- Always the latest technologies (updatable)
- Hardware and software from one source