



Efficient gatekeeping from ATKI allows for enhanced customer service

Intelligent gatekeeping from ATKI unobtrusively keeps track of cars in parking lots and prevents frustrated customers.



ATKI offers solutions for traffic regulations. One of their solutions is a gatekeeping system that painlessly and unobtrusively tracks the vacancy status of parking lots.

The system works using a simple camera setup with state-of-the-art deep learning AI software to count cars coming and going while automatically excluding other moving objects like motorcycles and people. The single car is identified, as a car, and its driving direction, whether it's coming or going, is determined by tracking the car over time.

This allows for accurate counting without any inconvenience to the customers and lets parking lots display the number of vacancies at the entrance or even guide people towards empty spots to ensure businesses will never lose customers due to over-crowded lots.

ATKI systems are currently used for private and public parking lots in cities across Denmark.

ATKI at a glance

- The system works using a simple camera setup with state-of-the-art deep learning AI software to count cars coming and going.
- The deep learning AI model is trained to recognize a car whether in bright daylight, poor weather conditions or at night.
- Intelligent gatekeeping from ATKI unobtrusively keeps track of cars in parking lots and prevents frustrated customers.

This technology can be used for many other purposes.

You may want to optimize your business by analyzing customer flow through your stores for better in-store product placement or counting people in the store for optimal manning of service points.

Training software to recognize

The deep learning AI model is trained to recognize a car whether in bright daylight, poor weather conditions, or at night.

Further "education" of the software is possible at a later date, if required.

