



Car Park Management/ Access Control



For increased productivity and efficiency of any parking or access site

A suite of car park monitoring and vehicle access control solutions for small & medium applications to large multiple sites.

Day-to-day management, including barrier control, licence plate access management, and unauthorised parking, can effectively be achieved with Hanwha Techwin's range of car park monitoring and vehicle access control solutions.

Fast vehicle identification and integrated barrier control means queues are minimised, and greater vehicle flow can be handled to increase the productivity and efficiency of any parking or access site.

The solutions also provide invaluable statistical and analytical parking lot information, helping operators maximise their profitability.

Highlights

- Server and Edge based solutions.
- Multiple countries license plate support.
- Monitor car parks, including time spent and occupancy rates, and manage entry/exits through barriers.
- Grant or restrict access to specific areas through black/white lists.
- Automatically control the movement of white listed cars through barriers.
- Monitor activity at petrol stations.
- Monitor free and occupied parking spaces using advanced video analytics.
- **Coming soon!** Parking indicator camera.
- **Coming Soon!** Integration with Wisenet WAVE VMS
- **Coming Soon!** AI Cameras with ANPR & make, model & colour recognition

Serverless ANPR

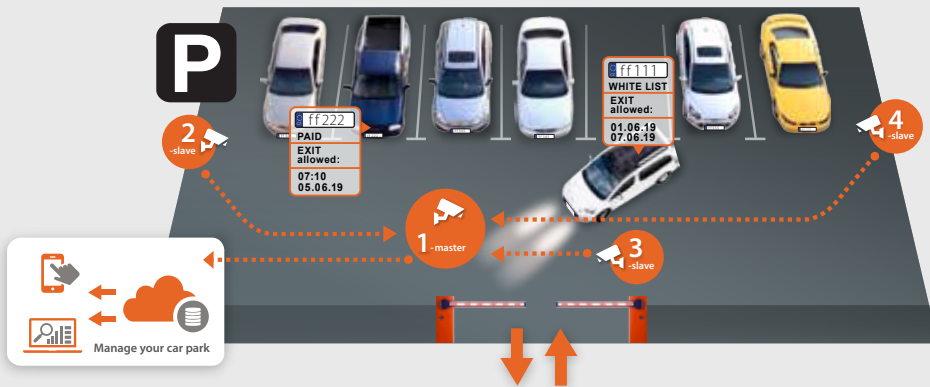
Cost Effective Access Control / Car Park Management for small to medium applications

Features:

High performance camera application

- Easy to configure
- Up to 50 km / h
- Camera-to-camera IP interaction of up to 4 devices
- Distributed database
- API for Data Integration
- Convenient user interface

>95%
Recognition accuracy



Highlights:

Master/slave set-up. No need for multiple white/black lists

- Barrier management
- No server required
- Up to 1000 number plates

Scopes:



Car Parks



Petrol Stations



Residential Areas

Available across:

WISENET X series



Scene requirements:



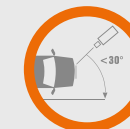
License plate is more than 130px in width



License plate is readable



Vertical angle is less than 30°



Horizontal angle is no more than 30°



Tilt angle is less than 5°

Server Based ANPR Solution

Advanced server based solution for larger scale management

Number Plate Server Solution

If you have a large site, such as a large shopping centre, municipal or commercial sites, the introduction of a server based management system makes it easier to scale your operation.

Additional features include:

- Online alerting
- Advanced Access Control Logic
- Advanced Reporting
- Traffic light violation
- Speed detection
- Database integration
- API



Cloud works with any Wisenet camera solutions for multiple sites

Cloud solutions make a valuable contribution to car park management. Cloud-based analytics provide operators with accurate real time data captured by Wisenet cameras. Hosted by Microsoft's highly secure and reliable Azure cloud service, it is able to generate easy to understand reports via customised dashboards. Advanced reporting features include traffic density, traffic speed and average travel time. In addition, it is possible to request tailor-made dashboards and additional features in order to obtain better business insights.

Number Plate Cloud

With the ability to define up to 2000 number plates in a 'black and white' list, the Number Plate Control solution can assist with the identification of banned number plates to reduce the incidents of non-payment in places like petrol stations, car washes and customer collection points.

Reports include a photo of a number plate and automatic transcribed data.

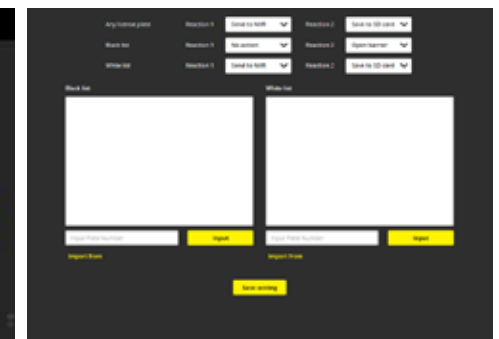
Additional features include:

- Entry/exit timing
- Push notifications and alerts
- Time spent

Live ANPR reporting



Separate black and white list reports





Car Park Cloud

The Car Park cloud solution allow security personnel to have strict control over which vehicles have access to a site's sensitive areas, such as loading bays.

Other reports include car park occupancy and the number of free spaces, as well as a vehicle's duration of stay and frequency of visits. It can even synchronise data between a number of different sites.

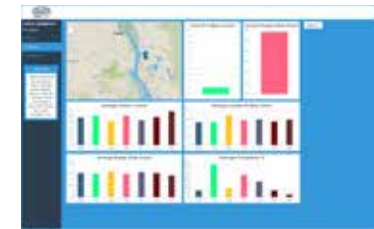
Clients

Frequent visitors estimation



Weekly statistics

- Visitors count
- Length of stay
- Vacant slots count
- Occupancy



Statistics

Per parking site



Event register

- Number plates
- Photos at entry/exit

