



# Car Park Management/ Access Control

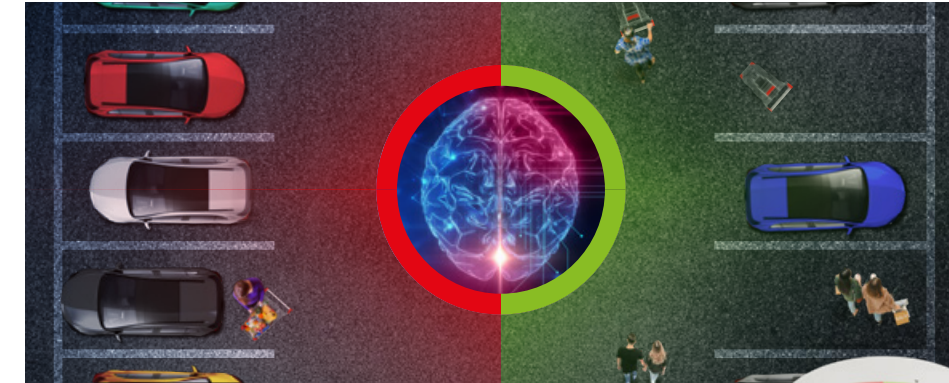


**For increased productivity and efficiency of any parking or access site**

A suite of car park monitoring and vehicle access control solutions for small and 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 Vision'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' licence 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.
- Parking indicator camera.
- Integration with Wisenet WAVE VMS.
- AI camera edge based ANPR and make, model and colour recognition



## Parking Guidance Camera

**Helping drivers quickly locate vacant parking spaces**

### Highlights:

- A single camera can monitor up to 16 parking spaces and establish if they are occupied or vacant, providing a cost-effective, low maintenance solution.
- Choose from seven different LED colours to indicate the availability of various categories of parking spaces (e.g. those reserved to electric cars or company's employees and visitors).
- The 360° parking guidance camera is also able to help deter and detect anti-social and criminal activity, helping drivers feel safe.
- Can be configured to broadcast an alarm through connected speakers when it is integrated with emergency alerts technology.
- Serverless solution, quick and easy to install.

## Edge Based ANPR Solution

**ROAD AI: Make, Model and Colour Recognition (MMCR)**

### Highlights:

- All in one solution with ANPR, MMCR and vehicle classification analytics, pre-installed and licenced.
- Smart search (number plate, country, make, model, colour).
- Vehicle type recognition: car, van, SUV, LCV, truck, bus, motorcycle.
- 70+ brands recognised, 600+ models.
- Access control and licence plate list management for stop and go installations such as car parks.
- Supports VMS integrations.



## 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 site, the introduction of a server based management system makes it easier to scale your operation.

Additional features include:

- Online alerting
- Advanced access control logic
- Live ANPR Reporting
- Traffic light violation
- Speed detection
- Database integration
- API
- Separate black and white list reports

