

Application Note

Free Flow Parking Management

Barrier Free Parking Management



OVERVIEW

As car use increases, so does the need to park the vehicles when they are not in use. It is estimated that cars are parked 95% of the time, so managing this is key in both the commercial and public sectors. In free flow parking environments, you need the best quality ANPR to catch vehicles entering at higher speeds and to cope with wider access points and steeper angles. TagMaster's parking solution is perfect for this and provides the following benefits:

1. Avoid misuse of the parking area
2. Generate revenue
3. Increase site security
4. Quick and easy installation

The TagMaster Free Flow Parking System is therefore perfect for shopping centres, retail parks, motorway service stations and restaurants.

HOW IT WORKS

TagMaster utilises its CT45 all-in-one cameras to capture vehicles entering and exiting the car park. A single camera can capture plates passing through a wide entrance from up to 25m away. All processing is done on-board and event data, including a high resolution overview image, is passed onto a JMS server which compares arrival and departure times.

HOW WE HELP

1. Avoid misuse of the parking area

Retail parks and shopping centres often do not charge customers for parking at their facility to attract them from the city centre. To prevent non-shoppers, e.g. commuters, taking advantage of the free parking, time limits are placed on the vehicle dwell-time. The JetParking server not only implements any dwell times required by the operator, but also creates a white-list (e.g. for staff and contractors) who can be exempt from enforcement actions.

2. Generate revenue

The TagMaster ANPR system increases revenue in two streams. The first stream is through fines for vehicles contravening parking regulations. The system outputs plate data, capture times, ANPR images, colour overview images and a location ID to enable enforcement actions to take place. The second stream is the reduction of improper use which makes it easier for genuine customers to find a space, encouraging them to use the facility and improving their overall experience.

3. Increase site security

Outside of normal opening hours, some car parks become attractive places to commit crimes and can attract undesirables. The TagMaster ANPR system is able to capture vehicles 24 hours per day regardless of external lighting conditions helping deter criminality and investigate any incidents which may occur.

4. Quick and easy installation

Thanks to the high resolution of the CT45 camera, the motorised zoom lenses with auto-focus for both ANPR and colour overview makes the CT45 quick and easy to setup and will capture anywhere between 3m and 25m. Using Wi-Fi on your smart phone, tablet or laptop you can connect to the CT45 and access the set-up menu. You will have the CT45 up and running in just 5 minutes.

PRODUCTS USED

ANPR Cameras

JMS Software