

# Application Study Dual Plate Reading



## OVERVIEW

In many traffic environments successful ANPR can be challenging. Curvy, wide roads or cars covered with snow, road salt or dirt can make reliable plate capture difficult. This is particularly important for free flow parking systems where missed plates mean lost revenue. So far the solution to this problem has been to add additional ANPR lanes to cover a wide road or read front and rear plates on the same vehicle. The problem with this is that duplicate reads can be generated that would have to be filtered out manually or by third party application software. CitySync now have a solution for this using the new dual plate reading feature.

## HOW WE HELP

### 1) 2 x CitySync CS50 intelligent ANPR cameras linked together

The CitySync Jet Management Suite application v8.6 has a great new feature that allows dual plate reading using 2 x CitySync CS50 intelligent ANPR cameras linked together.

**2) Easy integration to access control systems**  
The CitySync CS50 already benefits from advanced features such as local relay control and wiegand output for easy integration to access control systems plus on-board database and configurable xml output but dual plate reading gives the CS50 another unique advantage.

**3) Increased read accuracy in challenging conditions**  
The dual plate reading feature allows 2 x CS50 intelligent ANPR cameras to be linked and configured as primary and secondary readers, simultaneously capturing front and rear mounted license plates **but only transmitting one read result**. This could increase read accuracy in challenging conditions and simplify integration with parking systems as duplicate reads from multiple ANPR cameras will be eliminated.

**4) Use 2 x CS50 to cover a wide site entrance**  
2 x CS50 cameras could also be used to cover a wide site entrance reading front plates and linked together so that only one read result is transmitted, eliminating duplicate reads.

## Dual Plate Reading



## SUGGESTED PRODUCTS

CitySync 50	All-in-one HD ANPR camera
JetManagementSuite	ANPR software