

CASE STUDY

Manchester ANPR "Ring of Steel"

Serious about ANPR. Serious about service.™



Benefits:

- » High accuracy ANPR recognition
- » Instantaneous data transferred via wireless technology
- » Cost efficient solution
- » Rapidly deployable
- » NAAS compliant

NDI-RS ANPR "Ring of Steel" protecting Manchester city centre

As a direct result of the London 'Ring of Steel' ANPR installation Greater Manchester Police (GMP) commissioned NDI Recognition Systems Ltd to install an ANPR system around Manchester city centre and Manchester airport. This is the first ANPR 'Ring of Steel' commissioned outside of London.

NDI-RS, in partnership with local communications provider Metronet, supplied, installed and commissioned ANPR cameras on 10 strategically important locations covering 10 major routes into the city centre. State of the art Stinger and C3 Series ANPR cameras were utilized to provide high quality, high accuracy ANPR reads. The Stinger / C3 Series slave combo system is powered by NDI-RS's neural network recognition engine Talon and all data and images are transmitted wirelessly to NDI-RS's Back office Facility (BOF). In excess of 600,000 vehicle number plates are captured each day and transmitted instantaneously through the wireless Manchester Metronet network directly to the GMP headquarters.

The Stinger / C3 Series combo system can be rapidly deployed and connected directly to an outstation power supply. The system is capable of capturing multiple high speed, high density lanes of traffic at any time during the day or night and in all weather conditions.

The Manchester Ring of Steel project has recently been expanded to include Manchester International Airport. The successful Stinger / C3 series 'slave' combination was again used to re-produce outstanding results surrounding Manchester Airport.

All equipment installed in Manchester is serviced by NDI-RS Service and Maintenance department with a dedicated engineering team located in the North of England providing next day support.



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