

# ANPR

Automatic Number  
Plate Recognition



...the latest contribution  
to traffic management  
and security

From the World leader in number plate recognition systems...



Trafficmaster cameras



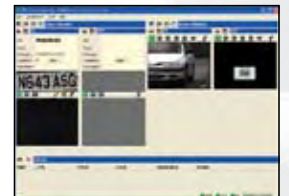
### What sets PIPS apart from its Competitors...

The Queen's Award for Innovation crowns PIPS achievements in developing the World's most advanced traffic monitoring and security systems. Our team has driven the development of pulsed, narrow wavelength retro-reflective techniques for image capture. This continuing development has become the cornerstone of PIPS Technology. PIPS award winning products and over 20 years of video camera technology and integration expertise provides us with the ability to create, deliver and support tailored solutions to meet your needs.

### COMPLETE SOLUTION

*Hardware - Engines - Applications*

Our engineering staff are dedicated to driving the performance of PIPS ANPR systems. Not only do we design and manufacture our own unique innovative camera/illuminator units we are able to enhance these remarkable capabilities through our purpose developed recognition engines and software. At PIPS Technology we create complete integrated systems with all component performance optimised to provide maximum performance, reliability and efficiency. Our extensive systems knowledge allows us to present the appropriate data in a format commensurate with Customer requirements, with the added capability to customise this to meet changing business needs thus minimising running costs.



**AutoPlate Secure**  
- Smart Vehicle Access Control



**JTMS™** - Journey Time  
Measurement Systems



**PAGIS™** - Police ANPR  
Graphic Interface System

# Solution

## 24:7



**Plate: T7E7M**  
For legal reasons  
one of the letters  
has been edited out



**PIPS – Bus Lane Enforcement**



**PIPS – ANPR**



**AUTOPLATE™ – Parking and Access Control Systems**

Independent tests prove PIPS leads the industry in Recognition and Read performance

PIPS system diagnostics and hardware monitoring ensure operations 24:7

PIPS ANPR technology in use in over 10,000 traffic lanes - plus hundreds of mobile systems

### PRIMARY MARKETS

- Journey Time Measurement Systems
- Road User Charging/Tolling
- Police and Security
- Law Enforcement
- Access control
- Parking Systems

### APPLICATIONS

- Traffic Analysis
- Incident Detection
- Intelligent Road Management
- Traffic Surveillance
- Congestion Charging
- Toll Enforcement
- Free Flow Tolling
- Intelligence-led Charging
- Criminal Intelligence

- Rapid Deployment – Covert & Overt
- Border Control and Surveillance
- Fixed, Mobile and Portable Systems
- Decriminalised Traffic Offences
- Section Speed Control
- Weigh in Motion Enforcement

**PIPS Systems deployed in over 50 Countries**

**Journey Time Measurement Systems**

1. UK Highways Agency's TCC project; ANPR for 1100 lanes at nearly 600 sites on motorways and the all-purpose trunk road network in England.
2. Southampton CC ROMANSE Journey Time Measurement System PIPS ANPR in Siemens Road Management System substantially improves circulation on a major road system.  
*Dramatic Reduction in congestion*
3. Swedish National Road Administration Journey Time Measurement System - to offer comparative car and train travel times for people journeying into the city.

**Police and Security**

4. International Border Control: Kent Police and UK Customs and Excise rely on PIPS ANPR at Dover Docks, England's main port of entry.
5. Fully Mobile comprehensive ANPR for the UK Police: includes the world's first internally mounted IR cameras for mobile use for all Police Forces throughout the world.
6. Warsaw, 22 Spike cameras on key entry routes providing real time vehicle presence data to the Polish Police - with recognition rates well over 92%.

**Access Control**

7. Access control and Security for Tesco: Multitude of possibilities through an accurate observation of traffic through car parks, fuel stations etc.

**Bailiff**

8. Vehicles are fitted with covertly mounted PIPS P362 ANPR Cameras, connected to PIPS PAGIS (Police ANPR Graphic Information System) software. The PIPS system cross-checks the number plates of passing vehicles with the pre-loaded PCN database, allowing enforcement officers to automatically search and identify target vehicles.  
*Cameras are covertly located inside the vehicle.*

**Parking**

9. PIPS ANPR technology Access Control, Car parking, and Security applications installed at Gunwharf Quays UK.



PIPS Technology is acknowledged as the world leader dedicated to innovating design and integration of ANPR solutions. Our product range is made and manufactured at the PIPS factory in the United Kingdom.

Included in our ANPR technology range are solutions for use with Police & Security, Access Control, Parking Systems, Toll Enforcement and Journey Time Data. With our unique range of skills and experience PIPS Technology can offer you proven solutions to the most diverse applications.

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