



the most advanced number plate recognition systems in the world



MINDER™

A new generation of Smart Vehicle Access Control



MINDER™ technical details

PC For Autopark Software

Operating System

Microsoft Windows 2000 or XP professional

Hardware Minimum Requirements

Processor speed: 1GHz

Hard disk: 20Gb (will vary with the vehicular traffic at each site)

Display resolution: 1280 x 1024 pixels, 256 colours

Input Devices

Video Picture Capture – AGP or PCI based frame grabber, one channel per camera. sound card (optional)

Note – if the PC is to be used in a system where a shared server is used to store images and data then an Ethernet network card is required)

Barrier Control Interface

The standard interface to the client barrier control system is via an isolated relay contact. This can be a normally open, normally closed or a changeover contact. The closure period can be client configured. The default value is 200mS. Up to 8 relays can be configured. The relay contacts are not suitable for driving high current loads. Users will need to provide additional control equipment.

PC to run as Autopark Image Server

Operating System

Microsoft Windows 2000, XP Professional, Linux

Hardware Minimum Requirements

RAM: 1GB

Processor speed: 2Ghz

Display resolution: 1280 x 1024 pixels, 256 colours

Hard disk: 40Gb (will vary with vehicular traffic at each site)

Note – if the image server is also to be used as an Autopark station then a video capture device (described above) is required. A sound card is optional. Linux cannot be used.

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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PIPS Technology Limited

York House, School Lane
Chandlers Ford, Eastleigh, Hampshire
SO53 4DG, UK
+44 (0)2380 240 250

sales@pipstechnology.co.uk
www.pipstechnology.com

PIPS Technology Inc

10511 Hardin Valley Road
Building C, Knoxville
Tennessee 37932-1565, USA
+(1) 865 693 4432



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Control access through Automatic Number Plate Recognition

Keeping complete records of vehicles' entry and exit

Logging, analysing and understanding the traffic movements



PIPS Minder – PIPS P362 cameras, PC, PIPS Autopark software and PIPS hardware platform – a complete system for state-of-the-art vehicle access control.



MINDER™

— a new generation of Smart Vehicle Access Control

MINDER™

A vehicle approaches - let it in, keep it out or ask questions?

PIPS MINDER provides an ideal selected entry system. Registration Numbers are recognised and the entrance is opened for admission, or access barred. An alert is sounded for unrecognised numbers and dealt with by an attendant.

All 'known' vehicles can be input simply into the Autopark secure database and classified for entry, as either authorised or unauthorised.

PIPS ANPR - turns a number plate image into a digital file.

With proven experience in ANPR software, PIPS has developed the next generation of ANPR software to provide information at all times and under all conditions for round the clock operation.



Simple installation for two way traffic

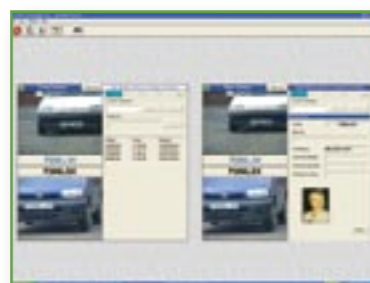


Plate: T7EVM

For legal reasons one of the letters has been edited out



The perfect solution for access control



Reference to records - from the number-plate to the information

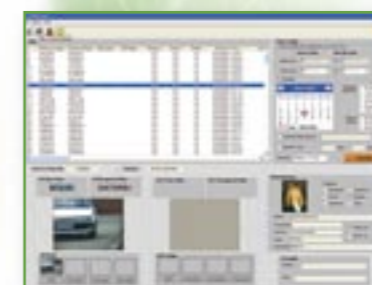
The captured plate allows immediate access to the database to stimulate the appropriate response and to record the event for future analysis.

Overview of the situation

Up to 4 images of the vehicle can be recorded and stored on the same record to ensure thorough surveillance.

Easy Installation

PIPS easy installation means minimum fuss and no need for complex additional equipment, such as traffic loops or roadside detectors. As a number-plate enters the field of view of the camera, PIPS state-of-the-art software performs instant recognition, creates an event log and can trigger other security equipment.



- Comprehensive, easy to use records
- Reports - detailing usage and duration of stay
- Parking history against plate data

PIPS MINDER browser screen allows the operator to search the image for a registration number and then displays all the entry and exit information for that vehicle. The database can be searched by date to show all the traffic information for that day and over a specified time period.

Applications

Lost parking tickets are no longer a problem as the length of stay can be easily identified. Traffic flow is monitored and busy periods identified for the purpose of retail intelligence. Pictures of vehicles can be retrieved from the database to identify security issues such as claims of vehicle damage whilst parked.

