



VISTA VNPR CONTROLLER

NUMBER PLATE RECOGNITION SOFTWARE (1 OF 2)



VNPRC CONTROLLER

An accurate, reliable and user friendly method of number plate recognition has been sort after for many years. Vista now has that system, a new, powerful, flexible and reliable number plate recognition system.

Any NPR system is reliant on a computer based controller. The VNPR system controller has been specifically designed to give the user peace of mind of it's reliability and effectiveness, provided in a stand-alone industrial chassis.

Each VNPR controller is built to the specific needs of the site and includes pre-loaded VistaBase software, video capture cards, relay cards and lane licenses, all fully tested prior to delivery.

VistaBase software comprises of 3 main components:

- **VistaBase LIVE:** This conducts live searches of the database showing both the number plate, driver details and car overview (optional overview camera required).
- **Vistabase REVIEW:** Searches can be conducted by time, date, full or partial number plate filters.
- **Vista DATABASE:** The database is maintained and operated from here.

TYPICAL APPLICATION



IDEAL FOR APPLICATIONS SUCH AS:

- Car Park Entry / Exit Control
- Traffic Monitoring
- Toll Booth Monitoring
- Airports
- Hotels
- Hospitals
- Congestion Monitoring
- Freight Yards
- Ports / Harbours
- Health / Golf Clubs
- Weigh Bridges

MAIN FEATURES:

- Automatic Number Pate Recognition
- Automated Operator Prompts and Vehicle / Driver Details
- Operation of Barriers / Gates
- Calculation of Parking Charges



THE UK'S PREMIER CCTV BRAND

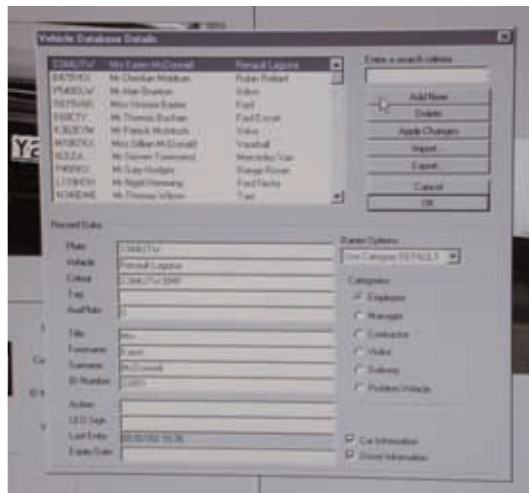
Note: VNPR only available in the UK & Ireland

VISTA DATABASE

Vista DataBase is included with the standard VNPR system controller.

Vista DataBase is an easy to use, flexible system which, put simply, allows storage of car number plates that can be used to raise barriers or trigger other events when cross referenced from the VNPR camera unit.

Vista DataBase is where the information used by VistaBase LIVE and ViataBase REVIEW is held and maintained.



Vehicle Details

- Registration number
- Vehicle make & model
- Colour
- Photo ID

Driver Details

- Title
- Forename
- Surname
- ID number
- Category (e.g visitor)
- Last entry

Messages

- Action
- LED sign

Other

- Tag
- Expiry date
- Auxiliary plate

CONTROLLER OPTIONS

We can offer the following solutions for remote or central control:

VistaRemote

Operates on a dial-up network and allows any Vista VNPR controller to be accessed from any other PC using standard web browser software (such as Windows Explorer™). The systems also allows interrogation, upload or download of vehicle hot lists, ability to view site CCTV cameras and produce summary graphs of traffic activity; e.g average length of stay etc.

VistaManager

The designated central controller will have VistaManager software loaded. VistaManager enables one controller to "talk" to others on a network giving the ability to review the event log and update the databases on those units.

VistaStream

Each controller on the network will have the VistaStream software loaded. At the central control point the user can view all live images on the network, search all transactions and manage the database.

ANNUAL SOFTWARE MAINTENANCE

This is a warranty which extends the guarantee period in the form of an annual software license. It covers software support and future upgrades. The first 12 months software maintenance is included in the initial package price. Please call for further details.





VISTA VNPR CONTROLLER

NUMBER PLATE RECOGNITION SOFTWARE (20F 2)

VISTABASE LIVE

VistaBase LIVE determines the registration plate of the vehicle and searches the database for a match. If a match is found within it's records the details will be displayed on-screen giving you information on the car, driver and any actions that may need to be performed or notes, such as stop the vehicle, stolen, invalid pass etc.

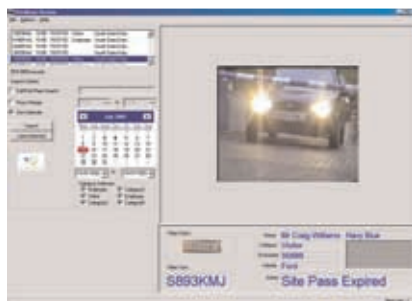


- Images**
- VNPRC camera image
 - Overview camera image
 - Captured "Plate Patch"
 - Transmitted plate

- Vehicle Details**
- Make & model
 - Colour

- Driver Details**
- Name
 - ID number
 - Category (e.g Visitor)
 - Photo ID

- Output Messages**
- On-screen
 - Audible warnings
 - LED signs



VISTABASE REVIEW

VistaBase REVIEW allows the user to query the database using a number of filters making it easy to get the search results they are after quickly and effectively.

- Images**
- VNPR camera image
 - Overview camera image
 - Stored "Plate Patch"
 - Transmitted plate

- Vehicle Details**
- Make & model
 - Colour

- Driver Details**
- Name
 - ID number
 - Category (e.g Visitor)
 - Photo ID

- Search Options**
- History of all vehicle movements
 - By date
 - By time
 - By lane
 - By full / partial plate



THE UK'S PREMIER CCTV BRAND





		Single Lane				2 Lanes				3 or 4 Lanes			
		100MPH	70MPH	30MPH	STOPPED	100MPH	70MPH	30MPH	STOPPED	100MPH	70MPH	30MPH	STOPPED
NO BARRIER OR LED	ENTRY	VNPR 110B	VNPR 110B	VNPR 110B	VNPR 110B		VNPR 220B	VNPR 220B	VNPR 220B			VNPR 420B	VNPR 420B
	ENTRY + OVERVIEW		VNPR 120B	VNPR 110B	VNPR 110B			VNPR 220B	VNPR 210B				
	ENTRY + EXIT		VNPR 220B	VNPR 210B	VNPR 210B			VNPR 420B	VNPR 410B				
	ENTRY, EXIT & OVERVIEW			VNPR 220B	VNPR 220B								
BARRIER/LED INTERFACE	ENTRY	VNPR 111B	VNPR 111B	VNPR 111B	VNPR 111B		VNPR 221B	VNPR 221B	VNPR 211B			VNPR 421B	VNPR 411B
	ENTRY + OVERVIEW		VNPR 121B	VNPR 111B	VNPR 111B			VNPR 221B	VNPR 211B				
	ENTRY + EXIT		VNPR 221B	VNPR 211B	VNPR 211B			VNPR 421B	VNPR 411B				
	ENTRY, EXIT + OVERVIEW			VNPR 211B	VNPR 221B								

TECHNICAL SPECIFICATIONS

CAPTURE CAMERA	Vista VNPRC cameras
CONTROLLER	Black industrial chassis with lockable front door
	Single board computer
	AGP graphics
	10/100 Ethernet
	Intel Pentium III™ 1 Ghz processor
	128Mb RAM
	24 x 10 x 40 IDE CD re-writer
VIDEO CAPTURE CARD	Processes 50 fps (4 BNC inputs)
OPTIONAL RELAY CARD	8 input / output PCI card
OPERATING SYSTEM	Windows NT™
HARD DISK	40Gb IDE, 3 x 10Gb (min) partitioned drives (each with copies of the application software)
IMAGE RECORDING	Number plate text only: 100b per image Number plate patch only: 3Kb per image Colour overview only: 19Kb per image
APPLICATION SOFTWARE	VistaBase as standard
OPTIONAL SOFTWARE	VistaRemote, VistaManager, VistaStream, Bespoke available
DIMENSIONS (H x W x D)	176 x 321 x 279mm
OVERVIEW CAMERAS	Up to 3 per VNPRC camera unit
MAXIMUM ANGLE OF SKEW	- 30°
	65,500 entries
DATABASE CAPACITY	Mouse & keyboard supplied, SVGA monitor not included
NOTES	12 months
HARDWARE WARRANTY	

ORDERING INFORMATION

VNPRC05	VNPR CAMERA UNIT, 5 METRE RANGE
VNPRC07	VNPR CAMERA UNIT, 7 METRE RANGE
VNPRC12	VNPR CAMERA UNIT, 12 METRE RANGE
VNPRC25	VNPR CAMERA UNIT, 25 METRE RANGE
VNPRC35	VNPR CAMERA UNIT, 35 METRE RANGE
VNPRC50	VNPR CAMERA UNIT, 50 METRE RANGE

DISTRIBUTED BY:

ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE WITHOUT NOTICE

Please see VNPR 2 of 2 for further information.

