

## ANPR MANAGER

Vigilant Plate Manager is an Automatic Number Recognition system which allows keeping track of vehicles entering and exiting a Car Park. Once installed and running the Operator will have the ability to monitor each vehicle's registration plate which enters and exits the Car Park.

Each Number plate will be saved to a database along with the date and time of capture, lane entry/exit details, and options to store images to disk for retrieval at a later date.

Options are also available to set audible alert tones to inform the Operator that the vehicles exiting the Car Park are not authorized to do so or can alert that a visitor is entering outside visiting dates.

Vigilant Plate Manager Operator's may manipulate the data-base by searching for records using a wide range of search methods enabling searches to be made with only partial criteria.

By the use of our Barrier Interface board, the Plate manager may control the opening of one or more automatic barriers or gates.

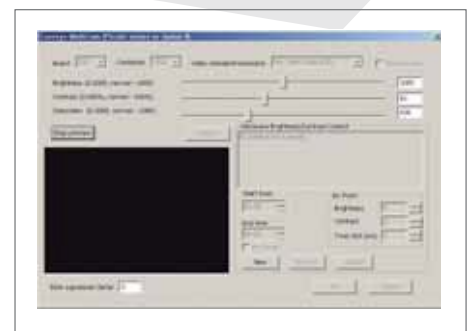
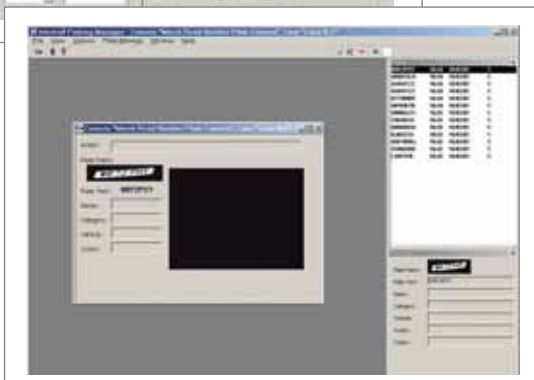
Vigilant recommends to use its Infrared, all in one, Vehicle License Plate Capture Camera WalzCAM™ to enhance the License Plate recognition.



Number plate Manager



Database Backstage



## ANPR MANAGER SPECIFICATION

### PC

- Processor  
Intel® Pentium® 4 Processor 3.40GHz,  
512K / 800MHz FSB
- Memory  
516MB dual-channel DDR400ECC or  
DDR333 ECC on non-ECC memory
- Storage  
100GB, 250GB SATA 7200RPM hard drives  
with 8MB Data Burst™
- Video  
Professional Graphics (dual monitor  
capable): NEW NVIDIA™ Quadro® FX 3000  
(AGP 8X, 256MB) 3DLabs® Wildcat 4™  
7110 (AGP 8X, 256MB)
- Speaker and Audio  
Integrated AC'97 Full-Duplex Audio
- Communications  
Built-in 10/100base T
- Ethernet  
Built-in 56k V.90 modem-IrDA
- Peripheral connections-  
Two 9-pin serial connectors;  
16550 compatible  
25-pin parallel connector (bi-directional)  
6-pin mini-DIN keyboard connector-  
6-pin mini-DIN mouse connector-  
RJ45 NIC connector  
Eight USB 2.0 ports, 2 front & 6 back
- Keyboard and mouse  
One 6 pin PS/2 mouse port-  
One 6 pin PS/2 keyboard port
- Electrical requirements  
Line voltage 230V AC (180V to 260V AC)  
Frequency: 47 to 63Hz, single phase  
Power in: DC 12V / 3A  
Max. power 54 Watt Operating System-  
Microsoft Windows XP

### FRAME GRABBER

- Our Frame Grabber card has been optimized to allow high speed acquisition of full resolution images (up to 768 x 576 pixels) from multiple cameras

#### Typical Switching Rate

25 fps / 8 fps / cam 5 fps / cam 4 fps / cam  
Four BNC connectors

Vigilant Frame Grabber is fitted with four BNC connectors providing the connection of up to four cameras with composite video output.

Ten digital TTL I/O lines

#### Physical information

Format: PCI board;

Size: 130 x 100;

#### Typical power consumption

2.3 W

(350 mA @ +5V)

(10 mA @ +12V)

(30 mA @ -12V)

### INFRARED CAMERA

WALZcam™ Camera Specification

CCD Image Sensor: 1/2" B&W

Number of Pixels:

EIA: 811 (H) X 508 (V)

CCIR: 795 (H) X 596 (V)

Lens Mount: "CS" Mount

Resolution: >570 TV Lines

Sync System: Internal

Scanning System: 2:1

Interlaced S/N Ratio: >46db

Backlight Compensation: ON/OFF

Video Output: 1 V P-P 75 OHMS (Unbalanced)

Shutter: 1/60 - 1/10,000

Gamma Characteristic: 0.50 - 1 Selectable

AGC: ON/OFF - High/Low

Power Supply: DC 12V

Operating Temperature: -10°C - +40°C

Weight: Approx 50g

Housing/frame: In die-cast aluminium with wide cooling fins.

### BARRIER INTERFACE BOARD

#### Digital Input

Input channels: 4

Photo-coupler: PC-814

Input current: 10 mA rated 60 mA max for isolated input  
Relay Output

Output channels: 4

Relay type: 4 SPDT (Form C) 4 SPST (Form A)

Contact rating: 120V AC/DC, 0.5 A 24V DC, 1A

#### General Specifications

Dimension: 162 mm x 107 mm - Bus: 32-bit PCI bus

Operating temperature: 0 ~ 60°C (Operating);

Storage temperature: 20°C ~ 80°C

(Operating);-

Humidity: 5 to 90% non-condensing

#### Power Consumption

Power Consumption Note: No relay is energized -  
+5V @ 140 mA

### SOFTWARE

Microsoft Windows XP  
Symantec Antivirus 2006