

RoboPlate "Configure" module allows setup and management of your ANPR database from an additional PC

- A fantastic tool for managers and system administrators
- Add personal data to number plates for easier management
- Create groups and decide how they are handled
- Create actions and apply them to specific groups
- For use with Standard single channel RoboPlate software



Add extra personal data to results for easier management

Already built in to RoboPlate Standard, 'Configure' is also available as a stand-alone module for installation on additional PCs on the same network. This allows a second user/PC to connect to the main database which can be useful for integration with separate access control or time keeping systems.



Create groups and decide how they are handled

This is designed for use with the RoboPlate Standard 1-Channel version code: SOFT1030.

More Details

The 'Configure' feature allows you to add more meaningful or personal data to your RoboPlate results such as the colour and make of the vehicle as well as owner information and contact details. You can also create membership groups for use with RoboPlate Standard and decide how they are handled.



Create actions and apply them to specific groups

Effective vehicle management

Using a simple interface you can assign personal data to number plate making it easier to manage results in the future. You can specify the registration, make, model and colour of the vehicle along with the owners name, short description plus personal or commercial address. This is especially useful on larger sites where a lot of vehicles come and go through the day. You can even create specific actions which are only triggered when that plate is captured.

As well of keeping a user friendly log of who has come and gone during the day, this personal data makes it easier to retrospectively interrogate the image capture database.



Create groups and decide how they are handled

By creating groups of similar vehicles i.e. "Staff" you can control how multiple vehicles are handled when they are captured. This could be displaying a message on a PC screen, sounding an audio message using a VoiceOff loudspeaker or triggering a network relay with the help of the optional RoboPlate LAN Relay module.

Bespoke software

Additional data field sets can be purchased in blocks of 10 to add even further functionality to your system. This is by request and for a small fee to cover engineer's programming and development time. Contact us for details.

Quick & Easy Setup

RoboPlate software provides the user with everything they need to get up and running with ANPR. Simply set up a suitable CCTV camera to capture your number plate on your new or existing DVR/NVR, enter the required connection information in the RoboPlate software and you'll be capturing a list of number plates in minutes.

Plates added to Database for Later Searching

As use of RoboPlate continues, the database of number plates builds up. As each plate result is stored with a date and time stamp too, it can be interrogated to find any emerging patterns of behaviour such as a suspect vehicle in the car park late at night.

White List Comparison to Trigger Actions

RoboPlate LITE and STANDARD both have the ability to log the plates recognised by a camera and compare them against a white list for a subsequent action to follow. For example a fleet vehicle registration match to a white list might trigger a relay to open a security barrier to an unloading bay.

Group Membership to Manage Vehicle Access

STANDARD has the added benefit over the LITE version of "Group Membership" a feature that's ideal for larger businesses. With Group membership you are able to limit the trigger action to within a predetermined schedule. For example you might trigger your car park gate to allow access to staff Mon-Fri 8am to 8pm, whilst Managers can access 8am-8pm including weekends but a security patrol vehicle might have access 24/7 without interruption.



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Manage Vehicle Access then Trigger Actions

A date range field can also be added to this membership to control access during holiday periods or to control access by temporary staff or contractors. Groups on a single site might include:

Key Holders Night - Everyday 8pm-8am triggers an Action Group to open main entrance gate, switch on a photocell controlled courtesy light then email a monitoring centre.

Key Holders Day - Everyday 24/7 triggers an Action Group to open main entrance gate, switch on a photocell controlled courtesy light then nothing.

Security Patrol - Everyday 24/7 triggers an Action Group to open main entrance gate, switch on a photocell controlled courtesy light then email the Operations Manager so they are aware the patrol has taken place.

Management - Everyday 8am-8pm triggers an Action Group to open main entrance gate, switch on a photocell controlled courtesy light then nothing.

Staff - Monday-Friday between 8am and 6pm all year round triggers an Action Group to open the main gate entrance.

Approved Contractors - Monday-Friday between 8am and 10pm all year round triggers an Action Group to open the main gate entrance then plays a delayed message asking them to report to reception.

Seasonal Staff - Monday-Friday between 8am and 6pm from 1st to 24th December only triggers an Action Group to open the main gate entrance.

Customer - Monday-Friday between 8am and 6pm all year round triggers an Action Group to open the main gate entrance then plays a delayed message asking them to proceed to visitors parking area and report to reception.



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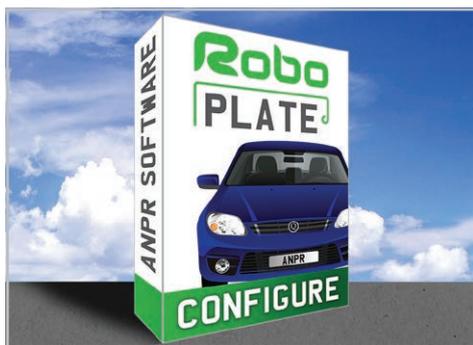


Create actions and apply them to specific groups

Network Control over Vehicle & Access Control Equipment with LAN Relay Module

RoboPlate LITE and Standard are easy to integrate into a network using the add-on LAN Relay module to give control over network security devices such as Access Control equipment like the ZAP range. For example a match with a vehicle white list of a staff number plate could provide double verification of who they are before they try and access the building.

A handy delay feature of up to 99 seconds is useful if you are capturing a vehicle prior to it reaching a barrier or gate so you can delay its opening.



Low Cost Bolt-On Modules for Added Functionality

Both RoboPlate LITE and Standard include 3 modules:

Capture – where it captures the image, deciphers and logs the vehicle licence plate

Configure – where subsequent actions can be set up such as Pop-Ups and Email sending and more meaningful data can be added to the plate record.

Search – where the operator can search for occurrences of a plate (in part or full) to filter when and where it has been detected.

Additional modules are available to allow extra PC users to interrogate the results captured by the main program; these include both Configure and Search functions. An example might be where the main RoboPlate copy is run by the IT department but extra modules are run by the HR department to monitor staff attendance.



System Requirements



Operating System	Microsoft Windows 7, 8, 8.1 or 10 both 32bit and 64bit supported*
Processor	Intel i3 minimum
RAM	32Bit Windows: 4GB / 64Bit Windows: 8GB
Graphics Card	Dedicated card recommended
Screen Resolution	1920 x 1080 required
Hard Disk	Installation requires approximately 8Mb
Internet Connection	Internet connection is required for registration and activation purposes initially and subsequently for support purposes thereafter. An Internet connection is not required for normal day-to-day program operation.

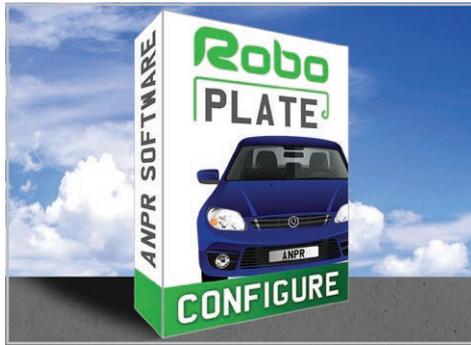
*Windows XP, Vista and server editions are not supported.



Licensing

Licences	1 per PC
Support Period	12 months. Free updates available within the support period*

*Downloads within the support period are available via your personalised Control Panel.



FAQs

Can you configure your RoboPlate ANPR software setup from another PC?

Answer

Yes, that's exactly why we designed the RoboPlate Configure module. The Configure module can be installed on another PC on the same network as the PC which runs the main RoboPlate ANPR software.

With the module installed you can configure your RoboPlate setup as if you were using the main software. This is a great tool for managers and site administrators as they can alter settings, add vehicle information etc. as and when they need. We also have a dual channel configure module available (SOFT1038) for use with dual channel RoboPlate systems.



Can the RoboPlate Configure module be installed on a remote PC?

Answer

No the Configure module needs to be installed on a PC on the same network as the PC which has RoboPlate installed. This is because both PCs need drive mapping to a shared folder where the database is stored.



What DVRs work with the RoboPlate ANPR software?

Answer

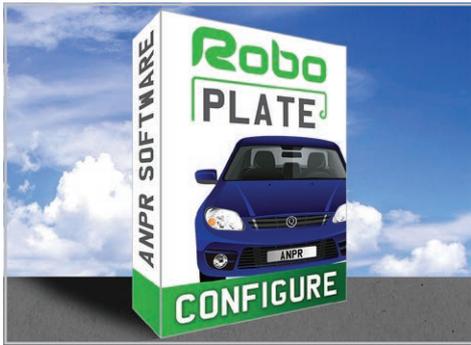
At the time of writing RoboPlate only supports Alien branded HD-TVI or HD-SDI DVRs with a corresponding HD camera. IP cameras are currently not supported from these devices. Additional information will be made available online at RoboPlate.com in due course.



What sort of cameras do you need for the RoboPlate ANPR software?

Answer

A regular HD CCTV camera is all RoboPlate ANPR software requires but good lighting and appropriate camera settings will all help to improve image quality and therefore detection and recognition rates. A simple test is that if a number plate cannot be read by the naked eye then it is unlikely to be captured by a standard CCTV camera which means that RoboPlate will not be able to read it either.



What resolution image does RoboPlate ANPR software require?

Answer

RoboPlate can process images captured at 1280x720 or 1920x1080, for DVRs, this should be the recording resolution.

Can an analogue DVR be used with the RoboPlate ANPR software?

Answer

Not really older technology simply doesn't have the detail required. An image resolution of 4CIF, 705x576 or below does not provide sufficient pixel density to deliver a successful result. It would need to be a very closely cropped view of the plate for 4CIF to make a reading so in reality an entry level HD resolution of 1280x720 is required. You could say that investing in ANPR software is a little wasted if you had not invested in a HD CCTV system first.



Does RoboPlate ANPR software work in bad weather such as rain, fog or snow?

Answer

Anything that prevents a clear view of a vehicle registration plate will hinder the program's ability to obtain a successful result. This includes rain, fog, snow and other obstructions. You will need to keep the lens of your camera clean and free from cobwebs too.

Can RoboPlate ANPR software read non-standard number plate characters?

Answer

RoboPlate uses OCR / shape matching technology to identify characters by their outline. It does not look for or match to specific fonts. It expects characters to be regular upright shapes in keeping with license plate guidelines rather than fancy/italic style. Some owners of 'private plates' in the UK re-position mounting screws or deliberately change a character's shape to make their plate more desirable, in doing so, they will make recognition harder.



How slow do vehicles need to be travelling for RoboPlate ANPR software to capture the number plate?

Answer

RoboPlate captures about two frames per second directly from the DVR so it is intended for slow moving traffic that stays in the field of view for a reasonable amount of time to achieve this. It is good to bear this in mind at the time of installation as you can try to position your camera facing oncoming vehicles head on where they may naturally slow down or stop such as at a gate way, barrier or narrowing of the road.



Add extra personal data to results for easier management

How much disc space is required when installing and running RoboPlate ANPR software?

Answer

Installing the application will require approximately 85Mb initially. As images are captured the data directories will grow by about 350KB per recognition.



Create groups and decide how they are handled

Quick Links

RoboPlate ANPR - Standard Version

<https://softcctv.com/store/Item/RoboPlate-ANPR-Number-Plate-Recognition-Software>



RoboPlate ANPR - Dual Channel Version

<https://softcctv.com/store/Item/RoboPlate-Dual-Channel-ANPR-Number-Plate-Recognition-Software>



RoboPlate ANPR - Search Module

<https://softcctv.com/store/Item/RoboPlate-ANPR-Number-Plate-Recognition-Database-Search-Module>

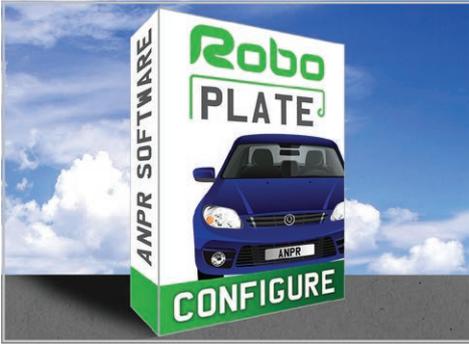


RoboPlate ANPR - FTP Module

<https://softcctv.com/store/Item/RoboPlate-ANPR-Number-Plate-Recognition-FTP-Upload-Module>



Create actions and apply them to specific groups



RoboPlate ANPR - LAN Relay Module

<https://softcctv.com/store/Item/RoboPlate-ANPR-Number-Plate-Recognition-Lan-Relay-Module>

