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| AUTOMATIC LICENSE PLATE RECOGNITION TECHNICAL MANUAL |
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| **By****Anthony Tierney** |
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# Install

### Working on Android KitKat

* Initial Setup
	+ Go to settings
	+ Go to security
	+ Tick the box “Unknown souces”
* Connect the device to a computer via USB Cable
	+ Navigate to where the ALPREire.apk file is
	+ Copy the file to the sd card on the device
	+ Disconnect the device when the transfer is complete
* Navigate to where the file is on the device through a file manager app
	+ Click on the file
	+ Allow the file to Install
* Find the app in the app drawer and tap the icon to open the app
	+ Ensure that the device has an active internet connection

# Setup Car Parks

* Open the app and use the default admin account
	+ Login user id and password are “admiin”
* Press the menu button and select Manage Car Park
* Enter the details of the new Car Park
* Click save

# Setup Users

* Open the app and use the default login account
* Press the menu button and select Manage Users
* Enter the details of the new user
	+ To edit existing user select their name from the drop down menu
	+ Alter the necessary details
* Click “New User”
	+ Click “Save” to save changes to existing users

# Add Vehicles

* Open the app and use the default Login account
* Press the menu button and click Manage Car Parks
* Click on Add vehicle
* Add the necessary details
* Click Save
* A notification will appear of the status of the operation

# Scan Licence plate

* Open the app and use the default Login account
* Align the licence plate within the green boundary box
* Click the camera icon to capture the image
* The licence plate is the extracted
	+ If this fails to produce a result then:
		- Press the menu button
		- Click “Manual Entry”
		- Enter the Licence plate in the text box
		- Click Ok
* The legality of the parked vehicle is shown on a notification