

SOLARTRONICS

Automatic Gate Controllers

USER
MANUAL | RTU5025 Android and iOS App



RTU5025 Android and iOS App Instructions

These instructions are for the use of the RTU5025 App only.

To learn more about the use of the RTU 5025 unit please refer to the RTU 5025 User manual.

Please download the latest version of the RTU5025 App and install before using these instructions.

To download the app visit the Apple App store or Google Play store and look for this App.

Note: The RTU5025 uses the 3G and 4G networks



3G Gate Opener RTU5025

King Pigeon Communication Co.,Ltd Tools

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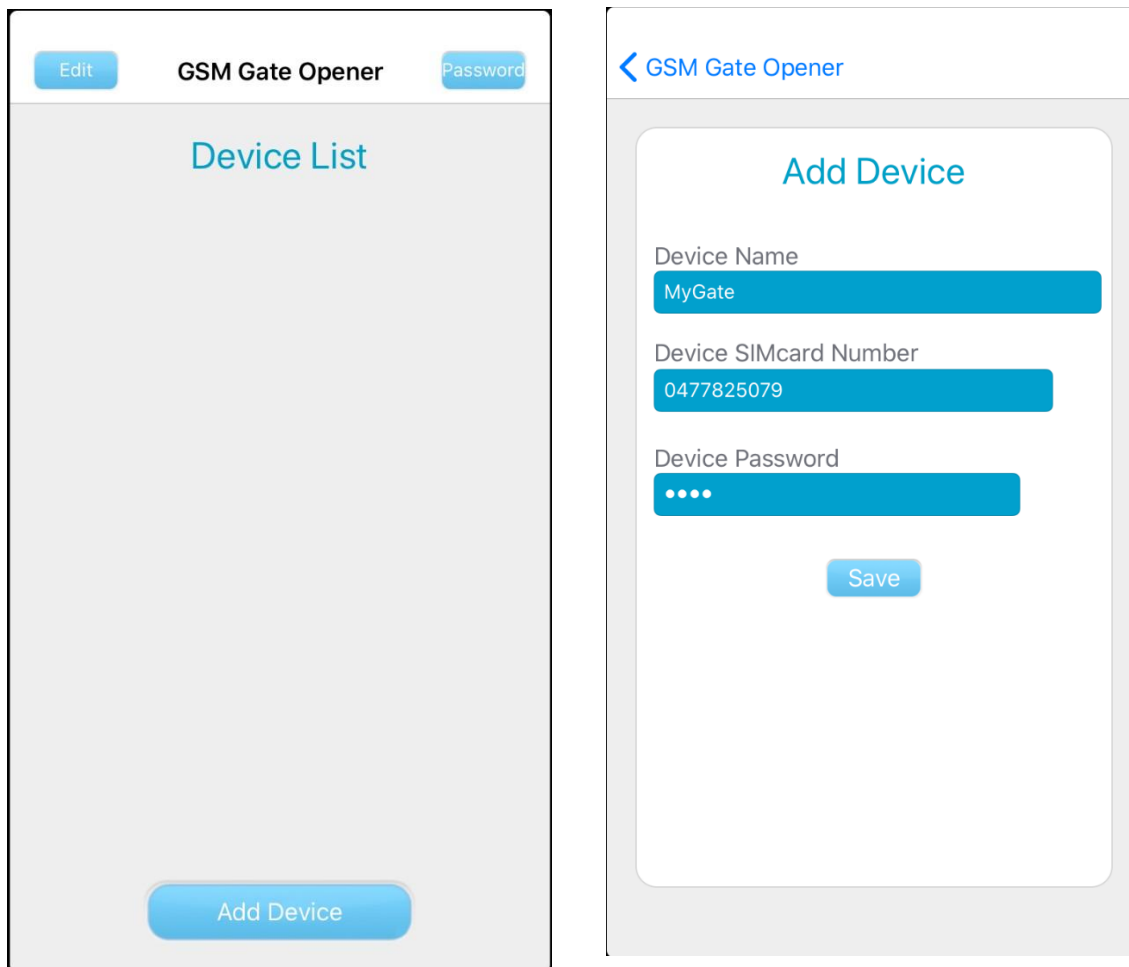
This app is compatible with your device.

You can also download the App by scanning the 3D Barcode below and following the prompts on your device to install it.



Once installed on your phone open the GSM Opener App.

The First step is to add your device by pressing the 'Add Device'



In the Add Device Screen.

Device Name:

Call the device anything you like, such as Front Gate, Side Gate, Main Gate etc.

Device SIMcard Number:

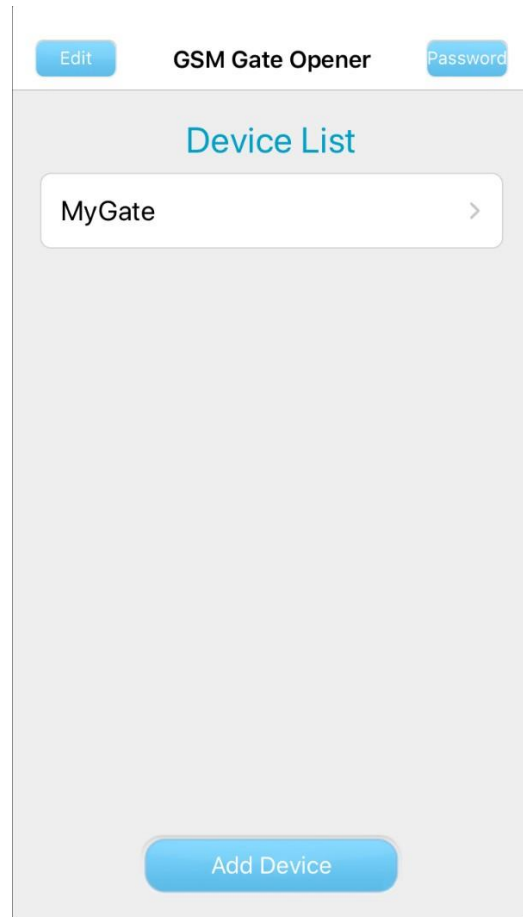
This is the Phone number for your SIM Card. It doesn't require the +61 at the front of the number

Device Password:

The Default Password is 1234. This can be changed later but it is recommended to leave as the default for now.









Press the 'Save' Button to save the information

You can now open the new device by tapping on it.
If you would like to change the device name, touch the 'Edit' button then touch the device Name. This will take you back to the 'Add Device' screen for you to make changes.











The following Menu screens show the commands you can send the device and also settings you can change on your device.
View them by swiping the screen left or right.

< GSM Gate Opener

 Make Call	 Inquiry RTU5025 STATUS
 Armed	 Disarm
Switch ON by SMS	Switch OFF by SMS
 Inquiry Version and IMEI	 Inquiry Report Timer
 Inquiry Authorized Numbers	 History Record



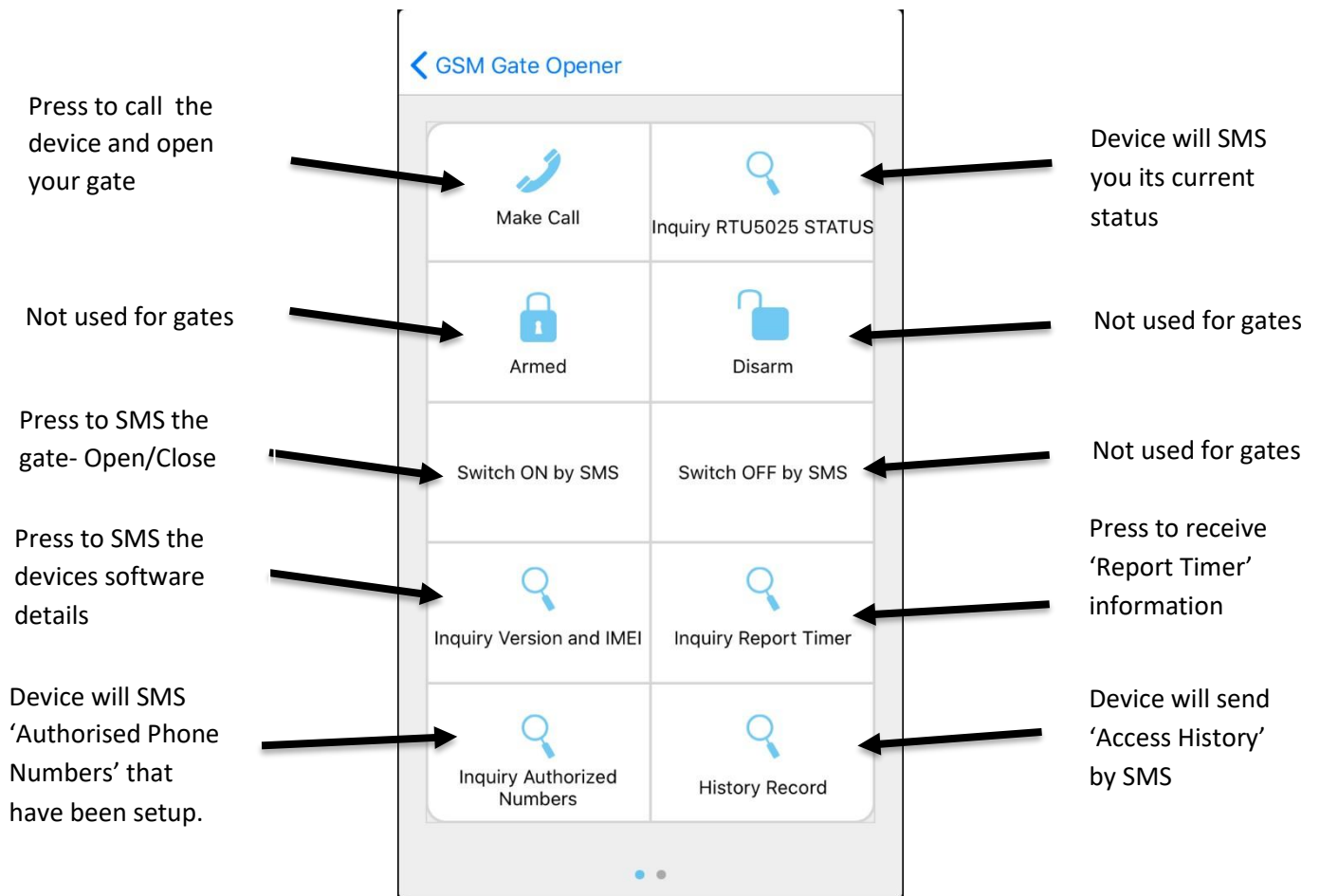
< GSM Gate Opener

-  Authorized Call in
-  Authorized Numbers
-  Delete Authorized Numbers
-  Inquiry Authorized Time
-  Relay ON/OFF SMS Alert
-  DC Loss SMS Alert
-  Relay Close Time
-  Report Timer



Menu Screen Options

Screen 1



Screen 2

The screenshot shows the 'GSM Gate Opener' settings screen. It features a list of eight settings, each with a blue icon and a text label. Arrows point from each setting to a corresponding explanatory text block on the right.

Setting Name	Icon	Explanation
Authorized Call in	Phone handset with arrow	Select - 'Allow all numbers to call in' or if you require security, select - 'Only authorised numbers to call in'
Authorized Numbers	Phone handset with plus sign	Setup 'Authorised Phone Numbers' to access device and open gate
Delete Authorized Numbers	Phone handset with arrow and minus sign	Delete Authorised Phone Numbers
Inquiry Authorized Time	Timer icon (T)	Find out 'Authorized Access Times' for different users
Relay ON/OFF SMS Alert	Timer icon (T)	Select whether device will send an SMS when the gate is opened or closed
DC Loss SMS Alert	Timer icon (T)	Select whether device will send notification by SMS if power is lost.
Relay Close Time	Timer icon (T)	'Relay Close Time'. Default is 0.5 seconds. The preferred is 2 seconds for gate operation.
Report Timer	Timer icon (T)	Device can send update reports. This menu selects how often it will do it. By default it is off.

The First time you setup your device we recommend you go to the second menu page and select the 'Authorized Call in' option.

Once in the 'Authorized Call in' menu, select the option:

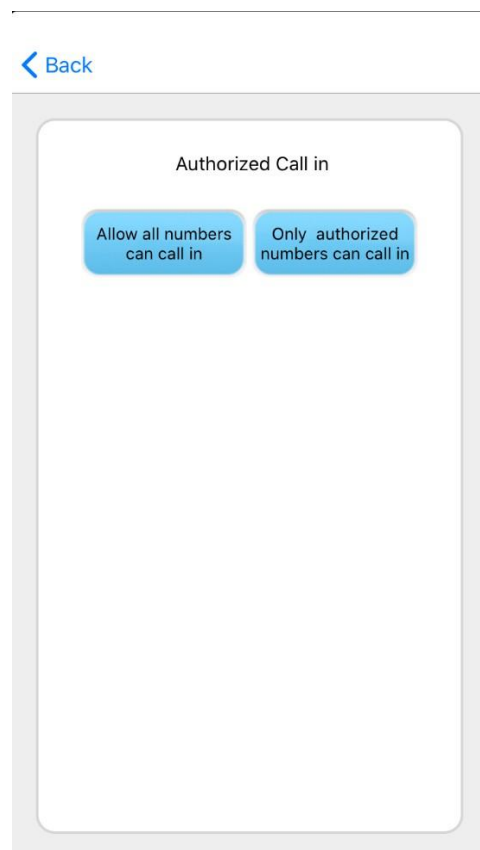
'Allow all numbers can call in' if security is not required or 'Only authorised numbers can call in' if security is required.

The setting will then be sent to your device by SMS.

Android devices will send the SMS automatically. iOS devices will open the message screen and you will need to hit the 'Send Message' button to send it to the device.

You must send the SMS to the device otherwise the setting will not be changed.

The device will then reply with a message to say command was successful or if it had a problem.



Setting Authorised Phone Numbers

Before entering any phone numbers we recommend that you create a numbered list of phone numbers you want to enter. Either an Excel spreadsheet or hand written list would be fine.

When entering an authorised phone number you must give it a Serial Number/ID Number which will then be added to a list.

For Example:

<u>SN/ID</u>	<u>Mobile</u>	<u>Name</u>
1	0477 825079	Uneek LEDs
2	0491 570156	Local Electrician
3	0491 570157	Plumber

To enter these details into the App.

Tel SN/ID: Position of phone number on the list. (1-999)

For example Uneek LEDs is position 1 so enter 1 in this box for the 1st number. Enter 2 in the box for the 2nd number and so on.

Tel NO. Telephone number for this person.

If we use the example above, Uneek LEDs is position 1 so enter their mobile number in this box.

Always can dial to control?

 YES NO

If you would like the person entered to be able to access the gate all the time then select 'YES'. Once 'YES' is selected you can then save the information by selecting the green tick at the bottom of the screen.

If you would like the person to only have access during certain times or days then select 'NO' and then fill in the details below.

For example, if you know the local electrician will be at your property for the week. Then choose the 'Time and Date' range that they will be there.

The gate will then allow access during this time. After these times they will not be allowed access.

Once the details are entered, select the Green Tick button to save the information entered.

As in every menu, when the settings are saved the App will send your device an SMS to load the new settings into it.

Android devices will send the SMS automatically. iOS devices will open the message screen and you will need to hit the 'Send Message' button to send it to the device.

You must send the SMS to the device otherwise the setting will not be changed.

The device will then reply with a message to say command was successful or if it had a problem.

Authorized Numbers

Tel SN: Input Serial No. 001 ~ 999

Tel NO.: Please enter the phone number!

Always can dial to control?

YES NO

Start time

2016	13	18	50	
2017	14	19	51	
2018	01	15	20	52
2019	02	16	21	53
2020	03	17	22	54
2021	04	18	23	55
2022	05	19		56
2023	06	20		57
2024	07	21		58

End time

2016	13	18	50	
2017	14	19	51	
2018	01	15	20	52
2019	02	16	21	53
2020	03	17	22	54
2021	04	18	23	55
2022	05	19		56
2023	06	20		57
2024	07	21		58

✓ ✗

DON'T FORGET!!!

Once you have setup the 'Authorised Phone Numbers' make sure you go into the 'Authorised Call In' Screen and select the option: 'Only authorised numbers can call in' for security or 'Allow all numbers can call in' if security is not required.

Delete Authorized Numbers Menu

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Delete Authorized Numbers

Tel SN	<input type="text" value="1"/>	<input checked="" type="checkbox"/>
	<input type="text" value="2"/>	<input type="checkbox"/>
	<input type="text" value="3"/>	<input type="checkbox"/>

Use this menu to delete numbers from your 'Authorized Numbers' list.

If you want to delete the local plumber that you entered above who was in position 3.

Then choose line 3 in this menu and select the green tick so it will be deleted.

Make sure you update your Excel Spread sheet or handwritten notes to reflect the changes.

SMS Alert Relay Action Menu

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SMS Alert Relay Action

Relay Close(on) Relay Open(off)

Not send sms Not send sms

Send sms Send sms

Send to first Tel No. Send to first Tel No.

YES NO YES NO

Send to call No. Send to call No.

YES NO YES NO

This menu controls whether the device will send an SMS when the gate has been activated.

You can use the options in this menu to turn this feature off.

We recommend that all SMS's are turned off in this menu to avoid SMS charges to your SIM Card.

To Turn off SMS's.

Follow these steps.

Under RelayClose(on)'

select the green tick next to the 'Not send SMS' option.

Under 'Relay Open (off)'

select the green tick next to the 'Not Send SMS' option.

These 2 steps will each send an SMS to your device to send the command to it.

It will then not send SMS's when the gate is activated.

As mentioned earlier, when the settings are saved in each menu the App will send your device an SMS to load the new settings into it.

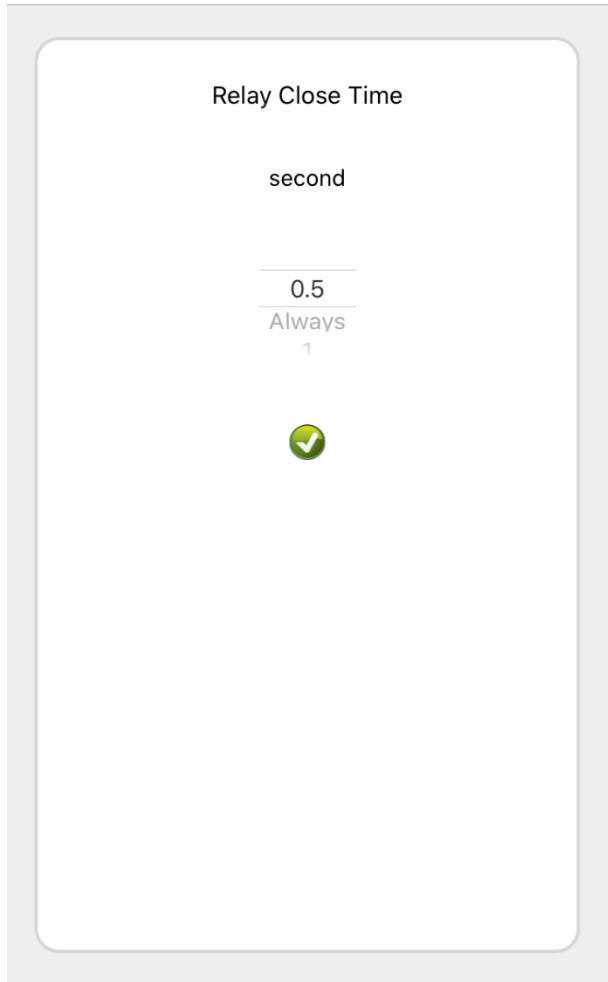
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Relay Close Time Menu

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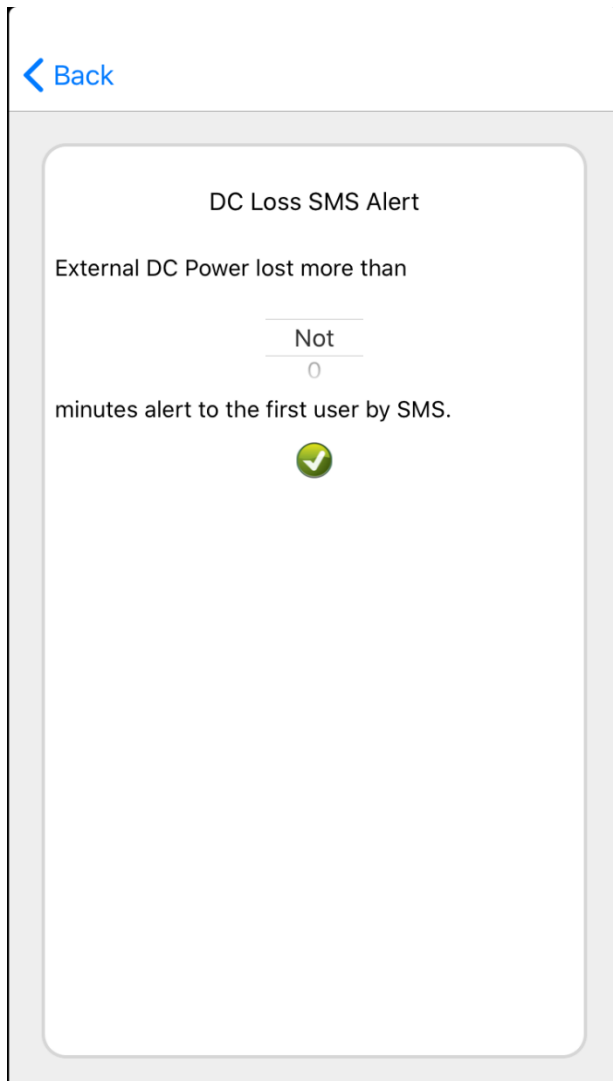
Your gate gets the command to open by the relay closing and then opening again.

This menu controls how long the relay closes and the opens again to tell your gate to open.

Default is 0.5 seconds, but the preferred option for gate use is 2 seconds to open gate.

Please don't change this setting (2 secs) as it may affect how your gate operates.

DC Loss SMS Menu



This menu controls whether the device will send you an SMS in the case of a power outage.

Using the options select how long the power will be out for before the device will notify you.

Then select the green tick to save.

By default this option is turned off

There are a few extra menus we have not covered in this guide. They are not menus that are needed for use in opening and closing your gate so we have not covered them.

If you have any questions at all please contact Solartronics on the details below.

Regards,

Solartronics

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