Power Applied Auto Dialler / SMS Alert Module
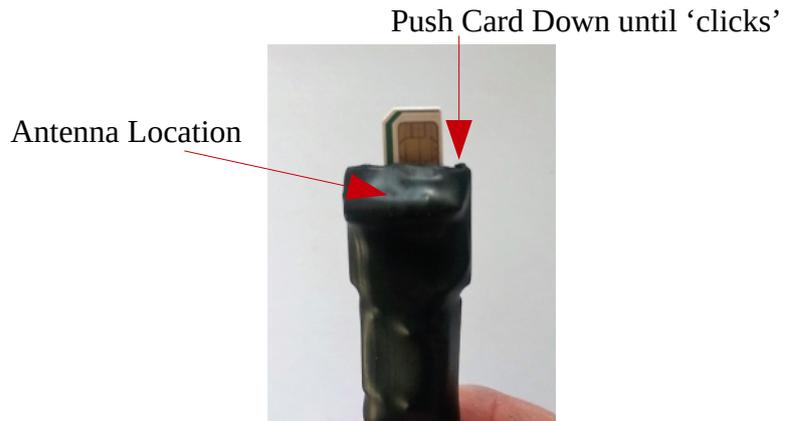
Operation;

When power is applied to the module, the module will attempt to dial up to 5 numbers and send an SMS text message to 5 recipients. The module will then become dormant, only send confidence messages as programmed using the **Auto** function (see further).

Inserting a SIM card:
1. Please ensure unit is NOT powered during this operation
2. Fully insert the MICRO SIM card as shown in the images.

Push Card Down until 'clicks'

Antenna Location

Micro SIM slot   View from top

3. Allow the SIM card to 'click' into place
4. To remove the SIM card depress onto the SIM until a 'click' is heard, the card is now released

Connections;

Red – 6v to 28v
Black – 0v

Signal Strength;

To check Signal quality during the installation send the following SMS command to the number of the SIM inserted into the module (please note this is case sensitive);

      Signal

The reply SMS will be in the following format:

      Signal: 15;

The Signal strength is graded as follows:

      2-9 Marginal, 10-14 OK, 15-19 Good, 20-30 Excellent

Programming the module:

This module is able to accept up to 5 preprogrammed recipients for the Call/SMS. The programmable slots for the numbers are SMS1 to SMS5.

These can be programmed using the following commands;

SMS1=07*********
SMS2=07*********

up to

SMS5=07*********

After each **SMSx=** command you will receive a reply from the module to let you know that the command has been programmed into the module;

ACK SMS1=07**********

Please wait for the **ACK** message before sending another command.

To **Delete** an incorrect or obsolete number send the command (where x = 1-5);

SMSx=

To check the numbers programmed into the device send the commands

Status

the unit will reply with the numbers of all 5 SMS memory locations.

Selecting Recipients;

Different recipients can be selected for both the SMS Text messages and Calls. To set the recipients for the SMS Text messages use the command;

TXT1=12345

The above command will send the text messages to recipient numbers in SMS1- SMS5 inclusive. If you would like just recipients in SMS3 and SMS5 to receive the messages then the command would be;

TXT1=35

To set the Call recipients use;

CALL1=12345

Recipients for the CALL feature chosen the same as per the TXT command.

SMS Message;

To set the pre determined SMS message that the recipients receive use the following command;

MSG1=Your message here

Please note this is 20 characters maximum.

Site Identifier;

The site identifier precedes the Message. It has a max of 20 Characters. To use this feature send the command;

SITE=Site Message

to turn this feature **OFF** use the command;

SITE=NO

Confidence Messages;

Once power has been applied to the unit and the SMS messages and calls have been completed, the unit will remain dormant. Only sending regular confidence messages, this has been preset to 1 day intervals. This can be altered once the unit has been powered by using the command;

Auto=x

where **x** = 1-9 (1 day to 9 days)

ALL commands are case sensitive. No numbers are stored on the SIM card itself.

Technical Features:

- Operating voltage 6v - 28v Max (model dependant)
- Current Consumption >10mA
- Quad Band GSM module - built in antenna and external Antenna
- Complete with 40cm of connection cable
- Size 7cm(L) x 2.5cm(W) x 1cm(D)
- Module is **NOT** water resistant