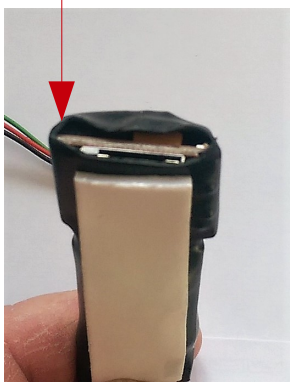
Installer - SMS Alert Module

This model is a Universal SMS alert module suitable for most home alarms.

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.

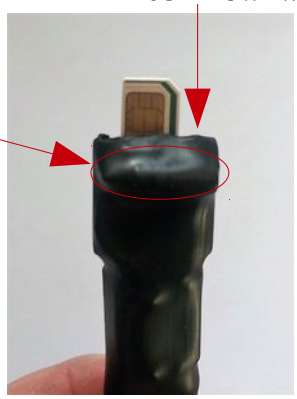
LED



Micro SIM slot

Push Downwards until 'click'

Internal
Antenna Location



View from top - front view

3. Looking at the front of the module with the white sticky back facing away from you, the SIM card s,contacts will be visible and the cut corner should be on the right. 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

To check if the unit is connected to your providers network there is a flashing LED to the side of the SIM slot. If the LED is flashing every **1 sec** then it is not connected to the GSM network. If the unit flashes every **2-3 secs** then it is connected to the GSM network.

Red –	**Terminal Marked "+13v"**	Positive Supply 13v
Black –	**Terminal Marked "0v"**	Common Ground 0v
Green -	**Trigger 1**	Alarm Activated Trigger
Yellow –	**Trigger 2**	Alarm Set Trigger

If you are not able to utilise both of the triggers, do NOT leave any of the wires floating. For correct operation it is advisable to connect the surplus trigger to 0v.

All commands are Case sensitive

Programming the SMS module:

To check the signal strength
Send the command;

Signal

Return SMS to originator as follows;

“Signal: 15;”

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

To program the message responses;

The message responses are as follows;

- Message 1 – Green wire – activates when voltage changes from 12v to 0v
- Message 2 – Green wire – activates when voltage changes from 0v to 12v
- Message 3 – Yellow wire – activates when voltage changes from 12v to 0v
- Message 4 – Yellow wire – activates when voltage changes from 0v to 12v

To program the messages send the following command

MSGx=Message Here

were x =1 -4

Each time you will receive an acknowledgement message. In the form **ACK MSGx=Message**.

If you **DO NOT** wish to receive a message for a particular state change eg if the alarm is deactivated then send the command

MSGx=NO

Eg for a Texecom Veritas the messages sent would be

MSG1=Alarm Activated
MSG2=NO
MSG3=System Disarmed
MSG4=System Armed

If you did not want to receive the System armed/disarmed messages then in this case MSG3=NO and MSG4=NO

This gives the installer the flexibility to reactivate the feature with a simple text message.

To list all messages stored in the unit send the following command;

Messages

To use the site identifier

The installer unit allows for a Site preset to prefix the Messages. This is achieved by sending the following command;

SITE=Message Here

eg if the SITE=Home, then the If a trigger occurs the response message would be Home- Alarm Activated.

If the SITE feature is NOT required send the command;

SITE=NO

Auto Reporting

This unit can send a predefined message to SMS1 at a programmable interval, to help with PAYG SIM management and provides confidence that the system is still active. The unit can be set to send the messages between 1 to 9 week intervals using the following commands;

Auto=x

were x =1-9

The message is predefined as 'Automatic Notification – SMS module Active'

Loss of Power Notification

If power to the alarm system has been cycled SMS1 will receive the following predefined message 'Alarm SMS Module - Power Cycled – Auto turned OFF'

Message is sent once power has been reapplied.

Alarm System Status Notification

To check if the Alarm system is Armed or disarmed send the following command;

Alarm

If armed return message will be **System Armed**
If disarmed return message will be **System Disarmed**

For this notification to operate correctly it requires the **Yellow wire** to be connected to a terminal in the Panel that drops to 0v when the system is Armed.

To program the SMS numbers

This unit has the capability to send the Trigger messages to 5 recipients. To program the recipient SMS numbers use the following command;

SMS1=012345678910

Confirmation SMS to originator as follows:

"ACK SMS1=012345678910"

To program further SMS numbers use SMS2, SMS3, SMS4, SMS5

To check the numbers programmed in the module from SMS1 to SMS5;
Send the command **Status**
Confirmation SMS to originator as follows:

"SMS1=12345678
SMS2=23456789
SMS3=34567891
SMS4=45678912
SMS5=56789123"

To Delete an incorrect or obsolete number;
Send the command **SMS1=**
Confirmation SMS to originator as follows:

"ACK SMS1="

Additionally numbers can also be overwritten

The minimum time between device triggers is 45 secs.

Technical Specification:

- Operating voltage 4.5v - 25v Max (model dependant)
- Trigger input 9-14v Max – (model dependant)
- Constant Current Consumption >10mA – up to 40mA when sending SMS messages.
- Time between triggers >30 secs
- Quad Band GSM module - built in antenna
- Complete with 40cm of connection cable
- Size 7cm(L) x 2.5cm(W) x 1cm(D)
- Module is not water resistant