

GSM V18.0d 2018

gsm-uk

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Leading GSM Electronics Store

WELCOME TO GSM-UK

gsm-uk is a leading GSM Electronics Store in the UK. We provide an unparalleled selection of the very best GSM Electronics, an easy and comfortable shopping experience, expedited shipping and exceptional customer service. Check out our new arrivals, best-sellers and clearance items today!



auto2mation@yahoo.co.uk

GSM How it Works

Send a
Message via
you Phone



1

Network
Picks
message up



2

GSM gets message
of Network



3

GSM does the
operation

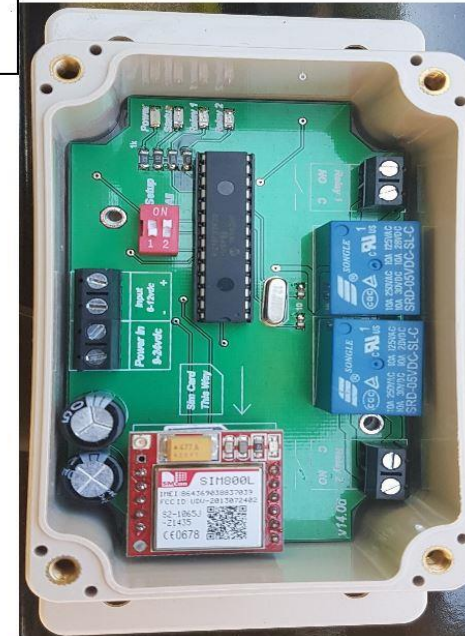
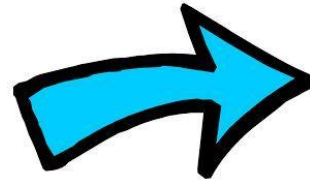


4

Other Brands — Our GSM



www.gsm-uk.net



www.gsm-uk.net Support

China,
Philippines,
Malaysia



No Support

UK



Fully Supported

www.gsm-uk.net

Design

China,
Philippines,
Malaysia
All 3rd Party Sellers



3rd Party

UK

We Design, Build and program our GSM's thus
offering unrivalled support and backup



Done in UK

GSM Supply

Power supply to all our range of GSM's is ideally 12vdc with a Min 1 Amp Capacity available.
Min 9vdc – Max 15vdc



Plug Top Style



Switch Mode



Battery

GSM Networks

A list of all networks tested with our GSM's :- PAYG

O2

Virgin

T Mobile

EE

Known Networks requiring money up front before use :- PAYG

Vodaphone

3

Orange

Lebara

Tesco

Giff Gaff

GSM Cased Versions IP Rating

IP Rating Explained :-

Our Units are IP54, ideally we recommend if using out doors to place in a further weather proof enclosure.

If not directly out doors and only get splashed etc... our enclosure should be fine.

When mounting always face the aerial and all glands to the bottom of mounted enclosure.

IP RATING CODES

Protection from Solid Objects		Protection from Moisture	
0	Not protected	0	Not protected
1	Larger than Ø50mm	1	Dripping water
2	Larger than Ø12mm	2	Dripping water when tilted at 15°
3	Larger than Ø2.5mm	3	Water spray
4	Larger than Ø1.0mm	4	Water splash
5	Dust protected	5	Water jets
6	Dust tight	6	Heavy seas
		7	Immersion from 0.15-1.00m depth
		8	Submersion below 1.00m depth

GSM Mounting Positions



Facing Downwards



GSM Accessing the Case



Use No 1 Posidrive Screwdriver

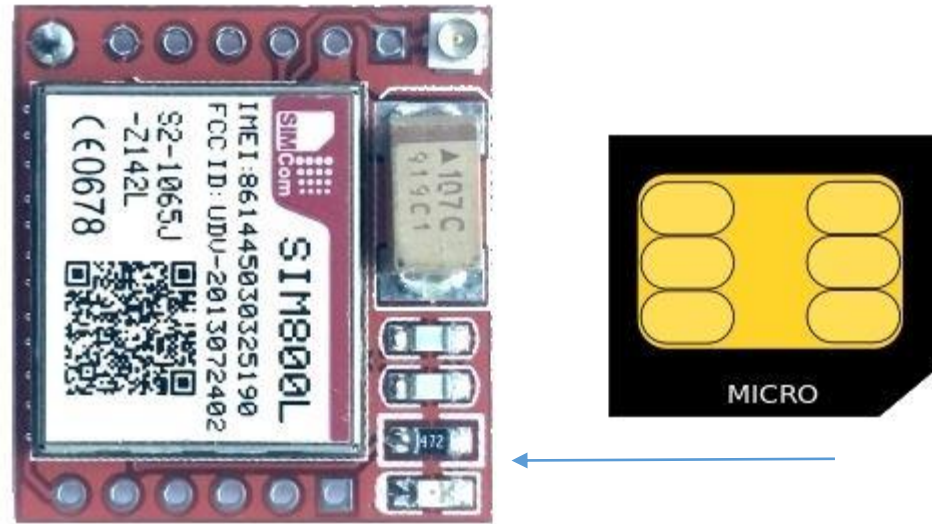


GSM Terminals



Ideally use 2.5mm Flat
Screwdriver for terminals inside
the GSM Case.

GSM Inserting Sim



When pushing in Sim card it will retain position, push again and it will release the Sim. The Sim holder is on a spring catch, release system. DO NOT force it out !

GSM Connecting the Aerial



Remove Red
Rubber Cover



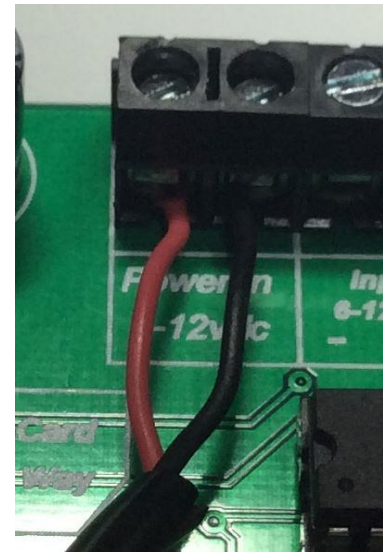
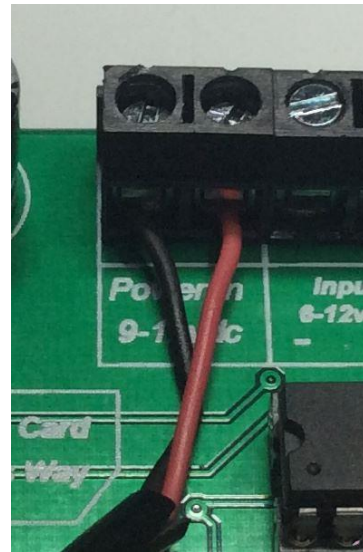
Should Look Like
This



Screw aerial
onto socket
turning
clockwise until
tight



GSM Supply Terminals



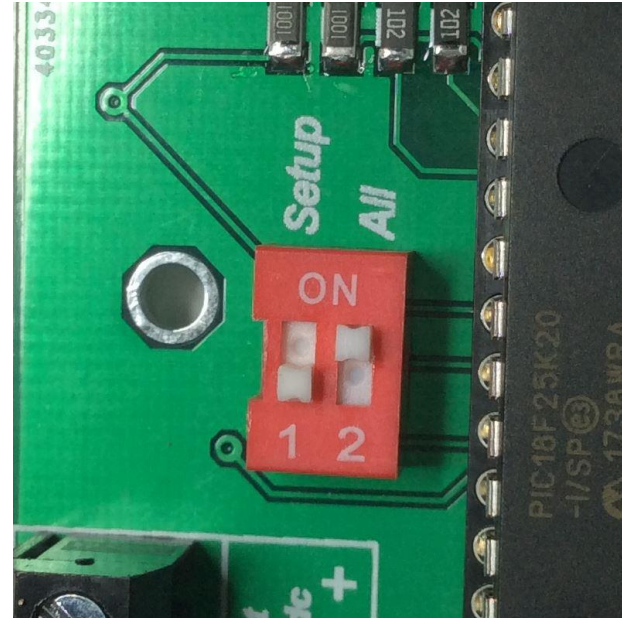
Supply Power 12vdc being shown.
Polarity does not matter as shown in picture.

GSM Powering Up Unit

1. Power on to unit will light the Green LED solid on
2. Yellow Status LED will flash 4 times quickly on power on
3. Yellow Status LED will then start to flash every one second
4. Yellow Status will flash a further 4 times quickly to indicate communications between the board and GSM are connected.
5. On the small GSM board there will be an LED flashing, at power on it will flash every second, once a Network has been found it will flash briefly every 3 seconds.
6. Only when all the above are correct will the GSM be ready for use.

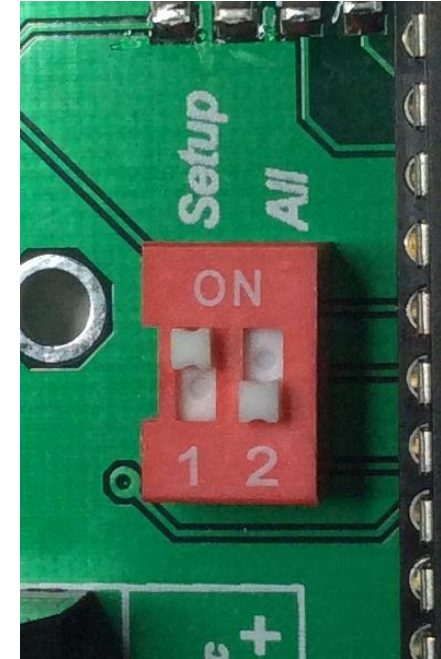
GSM Start

1. Put All Switch to On Position
2. Text RS101
3. This will then pulse Relay 1 on for 1 second only
4. If you don't want any security and want to use the unit in this condition skip the Setup Page and Normal Operating Page.
5. Please note anyone that knows the number to the GSM will be able to access it.



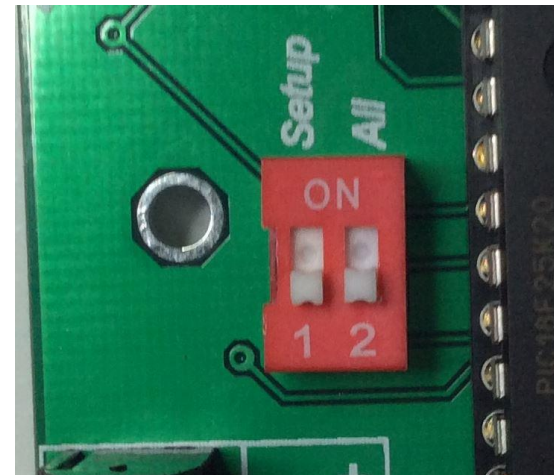
GSM Setup

1. Put Setup Switch to On Position
2. Call the unit
3. This will reject your call and flash Yellow Status LED for 1 second
4. You are now the Administrator
5. Put the Setup Switch back to off before using the GSM.



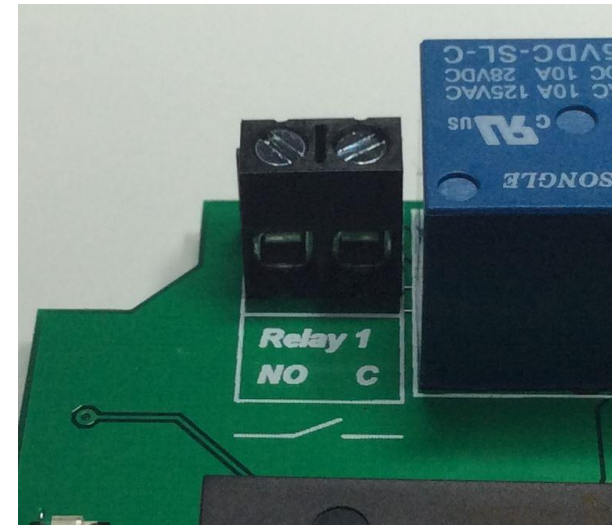
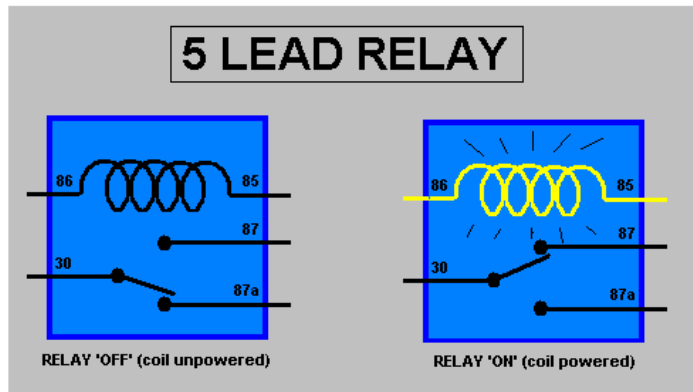
GSM Normal Operating Position

1. After doing the Setup the switches for normal operation should be in this position.



GSM Relay Contacts

1. Relay Contacts are Normally Open.
2. Max Current 6 amps
3. Max Voltage 28vdc



We do not use the
Normally Closed Contact

GSM List of Commands

1. RS1xx Turns on Relay 1 for xx seconds (example – RS127 = 27 Seconds On)
2. RS2xx As above but Relay 2
3. RM1xx Turns on Relay 1 for xx minutes
4. RM2xx As above but Relay 2
5. R1on Turns On Relay 1
6. R1off Turns Off Relay 1
7. R2on Turns On Relay 2
8. R2off Turns Off Relay 2
9. Ron Respond Mode On
10. Roff Respond Mode Off
11. Csq Request Network Signal Strength
12. W With both switches All and Setup in ON position will Factory Default the Unit
13. TT Followed by the full 11 digit number will be the respond number i.e (TT07771234567)
14. TS Followed by the Position xx and the last 3 digits of number xxx for extra users, Max 20

GSM List of Commands 2

- | | |
|---------|---------------------------------------------------------------------|
| 19. ERM | Followed by the Saved position, erases that user number from memory |
| 20. ERA | Erases all user numbers in the memory |
| 21. RB | Turns both relays 1 and 2 on together |
| 22. RX | Turns both relays 1 and 2 off |

GSM Default Settings

1. Respond = Off
2. No Numbers Stored.

GSM Installation

- Please note always consult a qualified electrician when installing these devices.
- Always use low voltage on our systems below 24vdc, 230vac must NOT be used to avoid electric shock and DEATH.
- We do not accept any responsibility for misuse of any equipment connected that may cause harm or damage to persons or to the GSM unit or to any other 3rd party equipment connected to this GSM unit.