



GSM Interface Module

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Interface Module with the on-board Battery Pack Fitted

When you receive your GSM Interface Module the internal battery pack will be discharged.

Once the module is powered by the external battery or the battery charger the internal charger circuit will turn on and charge up the on-board batteries to their full capacity.

The batteries are charged at a C/40 rate and it will take **40 Hours** to fully charge them after which time the internal charger circuit will automatically switch off.

The battery pack will only become operational if the external power to the module is removed. The batteries will last for up to 7 to 10 days in normal operation.

A 12 Volt mains operated battery charger is available to purchase from the Textlink website www.text-link.co.uk ; for applications where the module is not being connected to any equipments external battery supply.

The Led Indicator

On power up the LED on the board will flash approx. every 0.5 seconds followed by a delay. During this period the module is registering with the networks and retrieving your Sim card balance. After this the LED will flash constantly every second for approx. 5 minutes.

The module is armed only when the LED goes OFF.

Setting up and programming the Module

Enabling the alarm messages to your mobile phone

Send Your Password only.

The following assumes that the 4 digit password number provided when you purchased your module is: **XXXX** and your module telephone number provided is: **0123456789**

From your Mobile Phone:

Send a **TEXT** message **XXXX** to the module telephone number **0123456789**

[Replace "xxxx" with the module password number supplied]

[Replace "0123456789" with the module telephone number supplied]

When this has been successfully completed you will receive a TEXT message on your mobile phone "**SMS Enabled**". All text messages and alarm warning messages now sent by the GSM module will be received on your mobile phone.

Disabling the alarm messages to your mobile phone

Send Your Password followed by 0

The following assumes that the 4 digit password number provided when you purchased your module is: **XXXX** and your module telephone number provided is: **0123456789**

From your Mobile Phone:

Send a **TEXT** message **XXXX0** to the module telephone number **0123456789**

[Replace "xxxx" with the module password number supplied]

[Replace "0123456789" with the module telephone number supplied]

Alarm messages will now be disabled and will not be received.

This will disable messages to both phone lines.

Set up a second phone to send the same alarm text message to at the same time.

Send Your Password followed by 9 then followed by the second phone number

The following assumes that the 4 digit password number provided when you purchased your module is: **XXXX** and your module telephone number provided is: **0123456789**

Lets assume for this example that the second phone number is 0987 654321

From your Mobile Phone:

Send a **TEXT** message **XXXX90987654321** to the module telephone number **0123456789**

[Replace "xxxx" with the module password number supplied]

[Replace "0123456789" with the module telephone number supplied]

[Replace "0987654321" with your choice of phone number]

To receive the alarm warning messages abroad enter the international settings of that country.

To remove the second telephone number text the command, password followed by 9 only.

Default Alarm Delay

The module has a 5 minute delay time between alarm conditions and resetting itself again. In the event that the blue wire has been grounded for a long period of time or the alarm panel is still in an alarm condition, the module will continue to send a text message every 5 minutes. When the alarm control system has been reset the module will automatically re-arm itself again.

Network Verification and Test Message

Every four weeks or four weeks after the last message that was received the module will send a text test message to the user, which will read "**Operational Test Complete**". This will provide confirmation that the module unit is operating correctly and will also ensure that the system will continue to be connected to the mobile network.

Running Costs

There are **NO** setup fees, subscriptions, monthly charges or registration costs. The only cost is the price of a text message, **10 pence** when the module sends an alarm message to the user..

The module has a 02 Pay as you Go sim card fitted and it will be supplied with credit. Each message that is displayed on the user phone will also display the remaining balance on the sim card. A Top Up swipe card is provided, should the user need to add any more credit.

Technical Specification

Dimensions:	117mm x 69mm x 15mm
Weight:	6oz
Operating Temp:	-30 deg to + 70 deg C
Power Requirements:	12V nom.
Current Draw:	Ultra Low Power – 6mA Stand by – 40mA nom
Battery Back Up:	Up to 7 days without power
Battery Recharge:	40 Hours to Full capacity
Networks Supported:	GSM/SMS/GPRS 850/900/1800/1900 MHz
Approved Networks:	O2, T-Mobile, Orange, Vodafone, Vodacom
Manufacturing Approvals:	BS EN ISO 9001:2000
Conforms to:	CE marked

Textlink Ltd Support and Help

All technical enquiries – [email us](#)

More help and product information can be found on our website – [Visit the Textlink Website](#)

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