Alarm Panel

Contact ID

PSTN

SMS
Server

Short Message Service Interface Board

Product Code: SMSIB

Version: 2000 / 2001

N517   N517

Document: SMSIB.doc
Release: 15 May 2006

I n s t r u c t i o n s
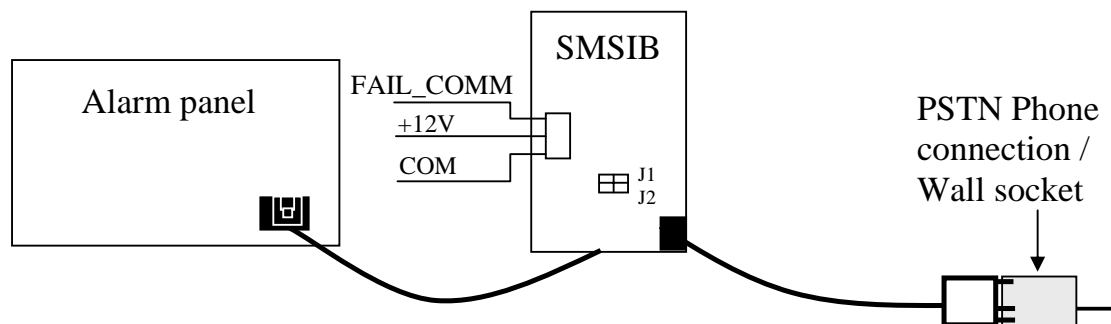
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Introduction

This is an add-on board that connects to your existing control panel, to convert Contact ID to SMS. The 2001 model will also send Contact ID straight through. This means you can use both Contact ID and SMS messaging together. It is designed for people who additionally wish to have personal monitoring of their security control panels. This board simply connects onto the existing alarm panels communications port, the 12V supply output and onto the telephone line.

What You Get

Item	Description	Qty	Image
1.	**SMS Interface Board** The SMS Interface board comes with a phone plug that goes into the (existing) alarm panel. A phone lead to go from the SMSIB to the phone (PSTN) socket is not supplied.	1	

What To Do

1. Disconnect the telephone line (RJ12 Connector) from the alarm panel and connect it to the SMSIB modular socket.
2. Connect the RJ12 from the SMSIB to the modular socket in the alarm panel.
3. Connect power to the SMSIB
4. To select the Vodafone Network (SMS Server) short J1. Telstra is default when jumper is off. (2000 model only)
5. Connect power to the SMSIB from the control panel (+12V and COM).
6. Program the alarm panel to dial the mobile phone and/or the monitoring station the SMSIB will report to (see below). Ensure the panel is set to dialling format: ADEMCO Contact ID or ADEMCO Extended.

```
                                    SMSIB
  ┌──────────────┐  FAIL_COMM ┌──────────┐
  │              │            │          │        PSTN Phone
  │ Alarm panel  │    +12V    │          │        connection /
  │              │    COM     │          │        Wall socket
  │          ▣   │            │    ⊞ J1  │              ↓
  └──────────────┘            │      J2  │
                              └──────────┘
```

2001 model: When entering the desired mobile telephone number to receive an SMS text message, you must enter 00 before the desired mobile number.
Example: 000418 333 666
If you would like the SMSIB to send the normal Contact ID message to a Monitoring station, enter the number normally.

Connection	Description
COM	Connect to the Common (Negative) on the control panel.
+12V	Connect to the constant +12 Volt output from the control panel.
FAIL_COM	This output turns negative after 4 failed dialling attempts. The output will stay negative until it has successful communication.

LED Operation

The LED will flash at certain rates to indicate the status of the SMSIB as follows:
Normal State: Flash rate 0.5 seconds
Line Connect: Flash rate 2 seconds (SLOW)
Connect with remote network: Flash rate 0.8 seconds (FAST)
Connection successful: Flash rate 0.5 seconds
Failed to Communicate: Flash rate 2 seconds or 0.5 seconds depending on the point of failure.

SMS Format

It will appear on the end users phone that the message has been sent by 77671 (Telstra Gateway) as opposed to their home phone line or otherwise.

The received message will be in the following format

ACC_N[account number][message string]

[account number] is the customer account number programmed into the panel.

[message string] is a conversion made by the SMSIB of the ContactID code. For example a panic signal will show as 'Panic On'.

Specifications

Supply voltage: 11.5 – 14V
Supply Current: 150mA max.
Output: Failed to communicate after 4 tries. Open collector.
Impedance: Complex
Protocol: Ademco CID, Ademco Extended
Dimensions: 72mm x 107mm

Limited Warranty

The SMSIB is warranted against manufacturing defects 12 months from the date of manufacturing. The manufacture date is established by the date code on the unit. This

limited warranty does not apply to any product that has been abused, altered or misused whether physically or electrically. The manufacturer or its agents will not be in any event liable for any consequential loss or damage whatsoever, direct or indirect.

This warranty does not cover the cost of transport and freight to and from the manufacturer or its agents. It is the responsibility of the purchaser.

Limitations of the SMSIB

While the SMSIB is an advance design in communication reporting, IT DOES NOT OFFER GUARANTEED COMMUNICATION. The SMSIB does not guarantee protection against burglary, fire or other losses. THE SMSIB is subject to compromises or failure to warn for a variety of reasons. These include:

- Carriers providing Network Services are not able to guarantee continuous or fault free service and make no representations or warranties regarding that service.
- The telephone line needed to transmit signals from the premises to the SMS Network, maybe out of service or temporarily out of service. Telephone lines are subject to compromise by sophisticated method of attack.

Telephone Line Problems

In the event of telephone problems disconnect the SMSIB by removing the connector plug from the telephone interface jack. DO NOT DISSCONNECT THE CONNECTION INSIDE THE ALARM SYSTEM. DOING SO WILL PREVENT THE PREMISES PHONE FROM OPERATING PROPERLY. If your phone works correctly after the SMSIB has been disconnected from the phone line the SMSIB has a problem and should be returned for repair.

International

To use the SMSIB in countries other than Australia you will need to find out what your telecommunication network phone number for SMS "Telocator Alphanumeric Protocol (TAP) protocol" is in your country. You will need to ring your network provider and get the phone number to the gateway and password, or give us the website where we can retrieve the information. This number will then be able to be programmed into the interface board to work in your country before it is sent to you.

Additional Notes

For more information regarding related products please visit our website at www.rhino.com.au