

- Full duplex hands free
- Can be used as a fully operational phone
- On-board microphone and speaker
- Remote microphone and speaker outputs
- Full remote control via DTMF tones
- Output remote control
- External antenna
- A.N.R. (Answer Number Recognition or CLIP) feature
- 6 On-board programmable inputs (Expandable to 14)
- 4 On-board programmable outputs (Expandable to 52)
- 9 Destination phone numbers
- Voice and SMS messages to each input
- 30 event memory log

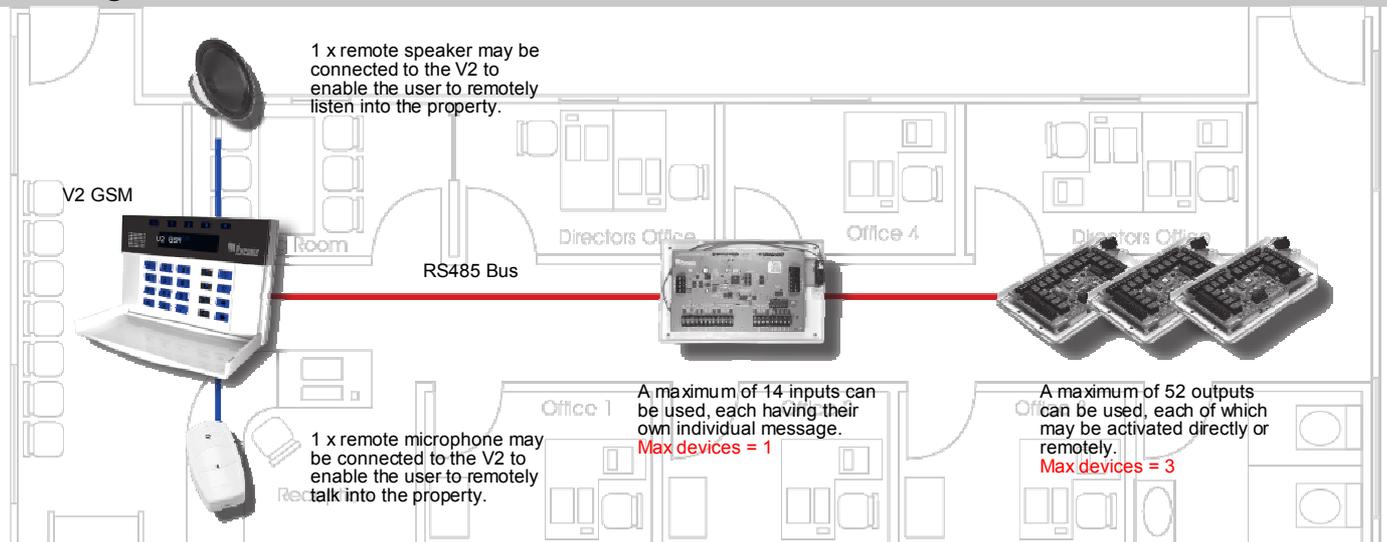


Industrial / Commercial /
Residential

Product Features

Features	Description
Full duplex hands free	This feature allows the user at the V2 GSM and the remote user to talk simultaneously in both directions.
LCD and end user keypad	32 character LCD display to program all functions. 4 PGM On/Off LED indicators with 4 dedicated output control buttons. On-board speaker and microphone.
Voice messages	All voice messages can be customised to each of the inputs so the programmed message is played informing the user about the specific input that has been activated. A common message that is sent with every alarm message is also programmable.
SMS messages	All SMS messages can be customised to each of the inputs informing the user about the specific input that has been activated.
Inputs	6-14 inputs with dedicated programmable voice/SMS messages.
Outputs	4-52 outputs that can be operated remotely by DTMF or following an event.
Fully operational phone	The V2 TEL/GSM is fully functional as a phone using the on-board keys, speaker and microphone.
A.N.R. (answer number recognition)	This feature activates an output when a programmed telephone number is calling the V2 GSM without the need to answer the call.
Automatic input learning	The input status is programmable, but there's a feature that automatically learns the state of each input.
Remote control menu	A remote voice menu can be accessed by calling the V2 TEL/GSM. Through the menu many functions can be performed i.e. switching on/off outputs (heating/lights/gates) and also listening/talking into the property.
Input response time	Input response time can be programmed from 300ms to 2 weeks.
Voltage threshold	It is possible to program the voltage thresholds required for triggering specific voltage sensitive inputs.
External antenna	An external antenna is provided with the V2 GSM, that can be located in different areas to obtain the most effective GSM reception.

Bus Diagram



Technical Specification

Electrical	
Voltage range	10-14.9V
Quiescent current draw	40mA
Maximum current draw	300mA

Inputs	
Input voltage range	0-15VDC Inputs have 39K resistor to 0V and 47K to positive supply
Input trigger thresholds	Low = 0-3.9VDC, high = 8-12VDC @ 12V

Outputs	
PGM1-4	(Open collector transistor outputs) 500mA

Speaker / Microphone	
Internal speaker	500mA
External speaker	1W @ 16 Ohms
External microphone supply	250mA max

V2 Environmental	
Operating Temperature	-20°C to + 40°C
Dimensions	147 x 100 x 28mm

Input Expander (PCX-RIX8)	
Supply voltage	10.5V to 15V
Supply current	40mA
Operating temperature	-10°C to + 40°C
Dimensions	100 x 70 x 30mm
Output (PGM) current	500mA

Output Expander (PCX-ROX16R)	
Supply voltage	10.5V to 15V
Supply current	30mA (no relays active)
Supply current	340mA (all relays active)
Max switching voltage	24A
Max switching current	3A

How the V2 GSM works

The V2 GSM may also be dialled into directly to access the remote menu.

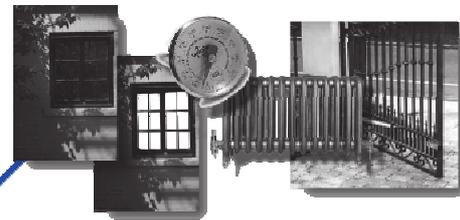


A voice message is heard or an SMS text (V2 GSM) is sent with details of the alarm input that has activated.

Listening and speaking into the property is also possible from the remote menu.



Speaker Microphone



The outputs can be remotely controlled to operate lights, heating systems, temperatures, gates, arm/disarm control panel, etc.



V2 GSM can dial the programmed telephone numbers after an alarm input has activated.



Remote Listening and Speaking into the property is also possible in the remote menu, through a remote speaker and microphone if connected to the V2 GSM.