GSM Intercom PC Software

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1-50 Button GSM INTERCOM

USB DRIVER

IMPORTANT: Before connecting the GSM unit to the PC and before installing the GSM PC program, first install the driver for the USB adapter which can be found on the supplied CD in the following folder:-

D:\FT232Driver\CDM20814.exe

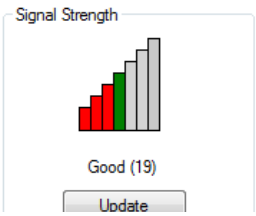
Where D is the letter of your CD drive.

SOFTWARE SETUP

Run the setup program (setup.exe) from the CD. Follow the on screen instructions to complete the setup. Please note, the PC must be Window XP PRO or later and have the .NET 4 framework installed. (The .NET 4 framework can be found on the CD or will be downloaded from the internet during install).

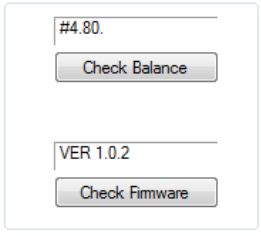
After completing the setup, the program will be available from your start menu as Videx GSM. Before running the program, connect the supplied USB cable between a USB port on your PC and the GSM unit. Run the program and the following screen should appear:-

When the program loads, it checks all available ports for the GSM unit. If found, the GSM unit goes online with the PC. From the main screen it is possible to:-



Check signal strength:

Click on update to retrieve the signal strength from the unit. The signal strength will be between 1 & 31 whereby 31 is excellent and 1 is poor. A signal strength of at least 10 is required for the system to work satisfactorily.

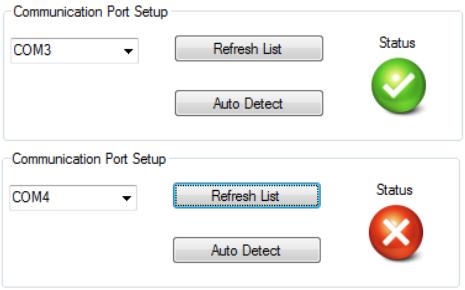


Check balance on pay as you go SIM's:

For this to work you must first store the check string required by the service provider on the settings page. For example, the string *#1345# is used by Vodafone to retrieve your current balance. Once this has been stored and uploaded to the unit, clicking the Check Balance button will retrieve it.

Check firmware version:

Click the Check Firmware button to retrieve the firmware version of the GSM unit. This will be useful to technical support should you need to call and can also give you an indication of functions available as identified in the back of this manual.



Communication port setup:

Although the communication should setup automatically when the program is started it is also possible to manual setup the communication port.

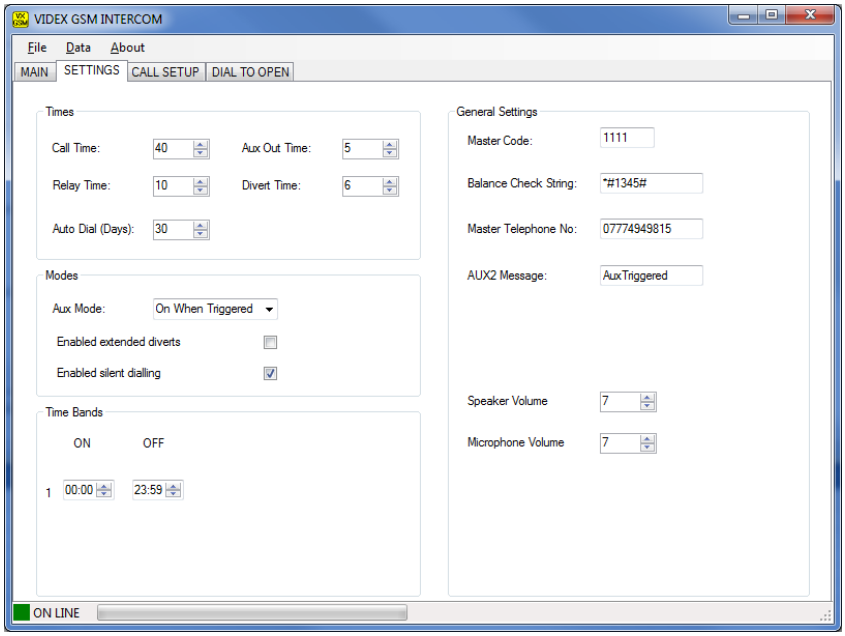
To setup manually, first press the Refresh List button which will find all available communication ports, Then either select from the drop down list, the port which is connected to the GSM unit and press the Auto Detect button to check for the device or just simply click on the Auto Detect button to check all available ports. If the device is found, the status will change to online.

Mobile phone:

The mobile phone can be used like a normal mobile phone to make calls. This can be useful when setting up the GSM unit's SIM card with functions such as switching off voice mail and text alert or listening to the SIM cards balance through the intercom's speaker. Simply type the number to call on the keypad and click the send button . Ti end the call press the button and to clear the display press the C button.

Please note: After making any changes to the settings and stored telephone numbers on the PC, they must then be uploaded to the unit before they will take affect.

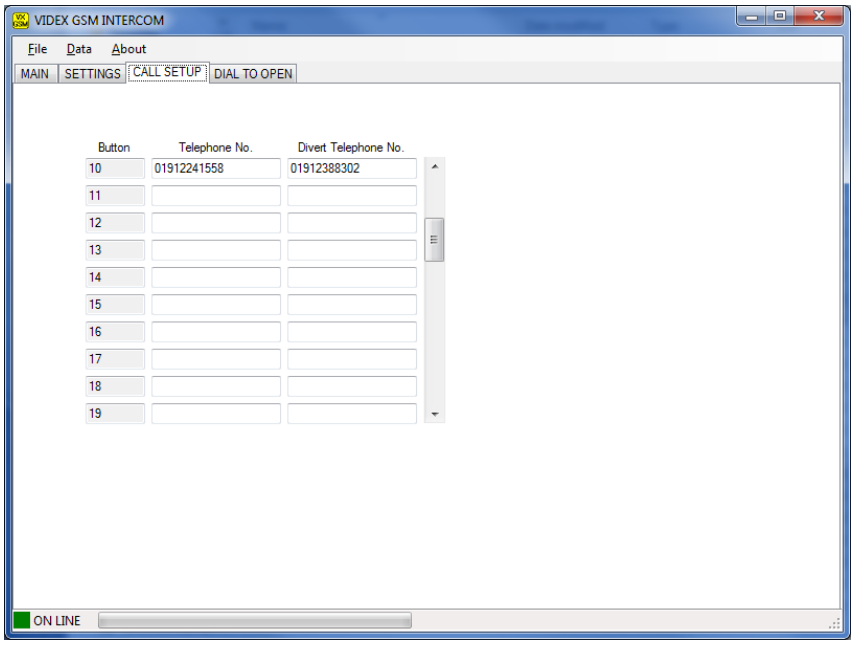
GENERAL SETTINGS:



The general settings page has the following programmable options:

Call Time:	Maximum length of a call before it automatically clear down (20-240 Seconds)
Relay Time:	Relay activation time (0 – 99 Seconds, 0 = latching)
Aux Out Time:	Auxiliary output AO terminal, switched 0V time (0 – 99 Seconds, 0 = latching). Only relevant for Aux mode 'On when triggered'.
Divert Time:	The time a phone is allowed to ring before the unit cancels the call and diverts to the second number, of programmed. (15 – 99 seconds)
Auto Dial (Days):	Number of days the unit will wait with out a call being made before it makes a short call to keep the system live and on the network (1-99 days).
Aux Mode:	The AO terminal is a switch 0V output. It can be programmed to trigger by the end user pressing 6 on their telephone during a call or can be setup to switch on when a call is made and stay on for the length of the call. Additionally this output can be set for use with a status indicator or as a switch to transfer calls to the master number. The four options are available in the drop down box.
Enable extended divert:	With this enabled it is possible to divert to up to 5 divert numbers. See EXD SMS message settings for more information.
Enable silent dialling	When checked, dialling will not be heard from the intercom speaker, instead beeps will be heard every few seconds.
Master Code:	The master code must be 4 digits (Factory default 1111) and is required when using the SMS facilities on the GSM unit and also when dialling in to the unit from a number which is not stored.
AUX2 Message:	The Aux2 message is a message which will be sent to the master telephone number when the Auxillary 2 input is triggered. The message can be up to 32 characters but can't include spaces.
Balance Check String:	The balance check string allows the balance on certain pay as you go SIM cards to be checked. This must be stored to allow the balance to be checked.
Master Telephone No:	The master telephone number is the telephone number which will receive the SMS messages for low balance and Aux 2 triggered.
Speaker volume:	The speaker volume can be any number from 1-12 (12 = highest volume)
Mic volume:	The mic volume can be anything from 1-24 (24 = highest volume)
Time band:	The time band sets when the call button will call their relevant telephone numbers and when the call buttons will be diverted to the master number (If no master number stored then the call will not take place and will be signalled by beeps from the panel). The ON time must be lower than the OFF time. If this option is not required, leave set as 00:00 23:59.

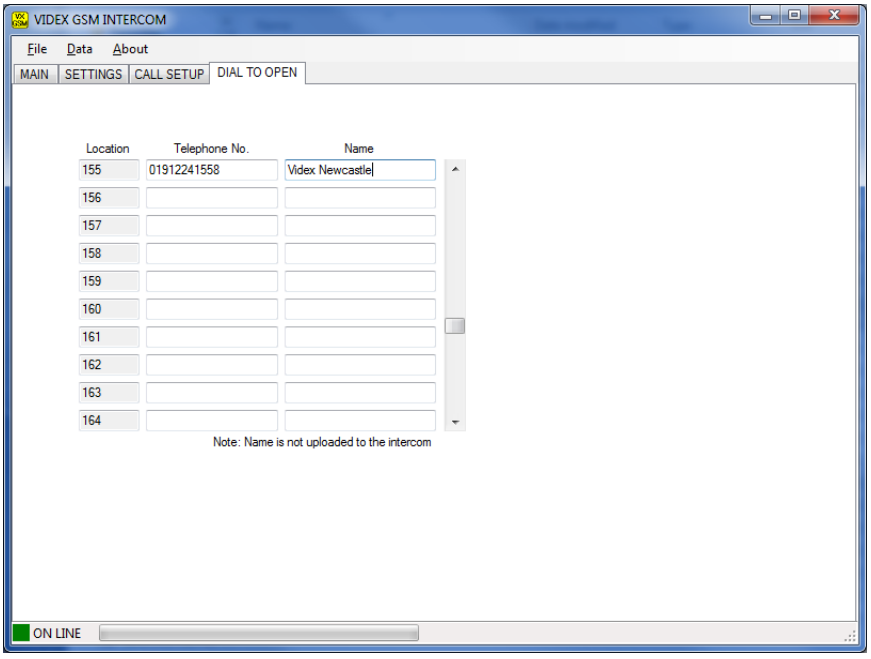
CALL SETUP:

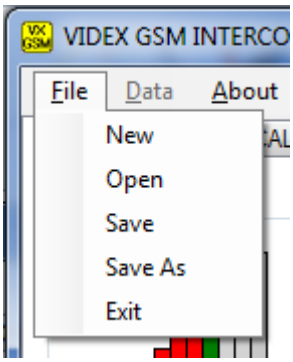


From the call setup page it is possible to assign up to 2 telephone numbers to each of the 50 available call buttons. The divert telephone number will be used if the call is busy or not answered and will divert to this number after the divert time has elapsed. If no divert number is stored, the first number will continue to ring until the call times out.

DIAL TO OPEN:

It is possible to store up to 250 telephone numbers which will activate the relay when they call the GSM. The GSM unit will drop the call so there will be no charge for these calls. In the table it is possible to assign a telephone number and a name to each of the 250 possible locations. Please note: the name is only for convenience and is not uploaded to the GSM unit.

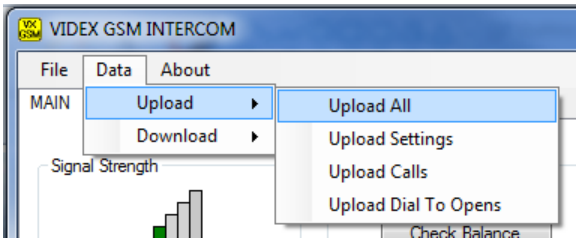


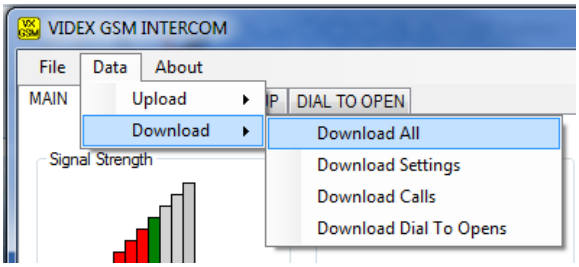


FILE MENU:

From the file menu it is possible to create a new data file, open an existing data file and save the current data file. These options are available online or offline allowing the data file to be created on or off site for convenience.

The exit option will close the program.





Data MENU:

The data menu is only available when online. From here it is possible to upload the information from the PC to the GSM unit and download information from the GSM unit to the PC. Both upload and download have several options which include the facility to upload/download all data or upload/download only a section of data which is required and has been changed.

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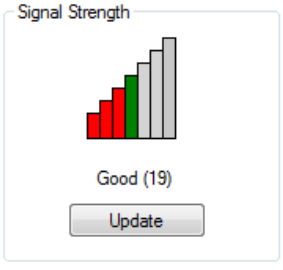

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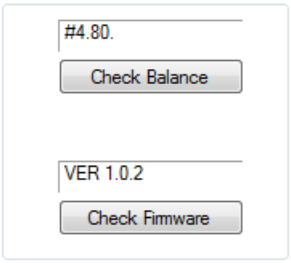

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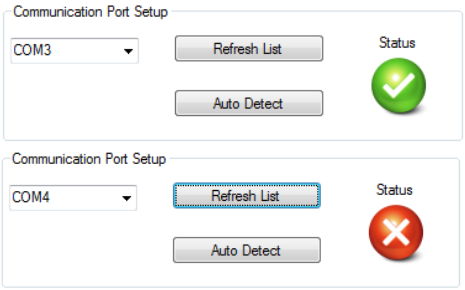

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The mobile phone can be used like a normal mobile phone to make calls. This can be useful when setting up the GSM unit's SIM card with functions such as switching off voice mail and text alert or listening to the SIM cards balance through the intercom's speaker. Simply type the number to call on the keypad and click the send button . Ti end the call press the button and to clear the display press the C button.

Please note: After making any changes to the settings and stored telephone numbers on the PC, they must then be uploaded to the unit before they will take effect.

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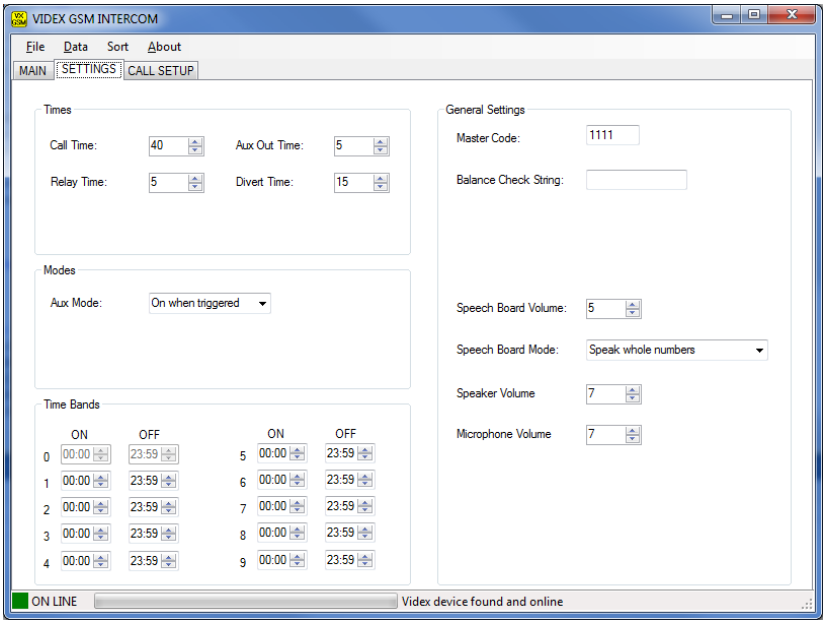
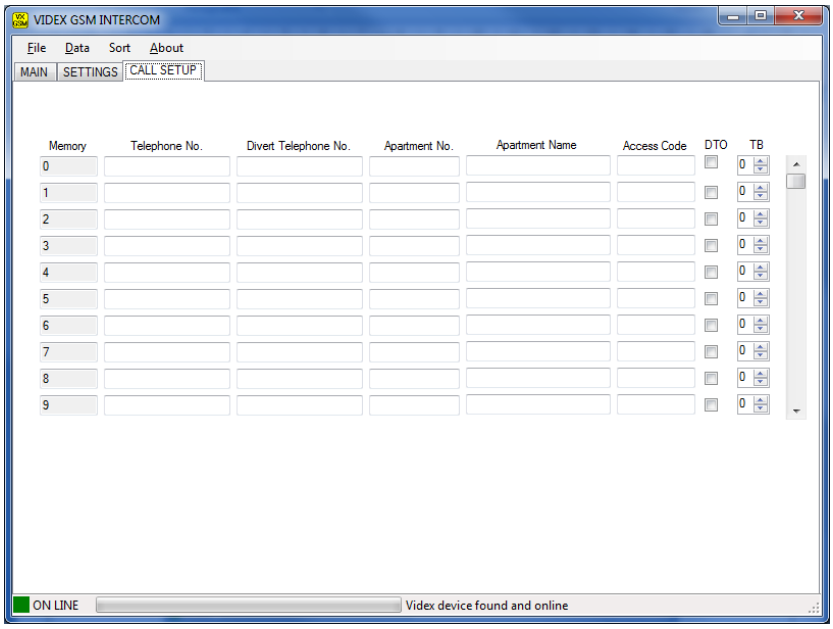


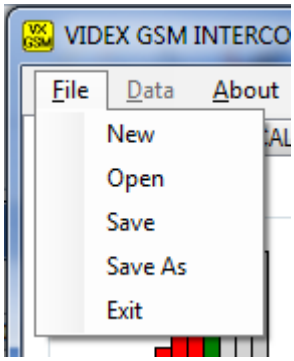
The general settings page has the following programmable options:

Call Time:	Maximum length of a call before it automatically clear down (1-255 Seconds)
Relay Time	Relay activation time (1 – 255 Seconds, 0 = latching)
Aux Out Time:	Auxillary output AO terminal, switched 0V time ((1 – 255 Seconds, 0 = latching)
Divert Time:	The time a phone is allowed to ring before the unit cancels the call and diverts to the second number, of programmed.(1 – 255 seconds)
Aux Mode:	The AO terminal is a switch 0V output. It can be programmed to trigger by the end user pressing 6 on their telephone during a call or can be setup to switch on when a call is made and stay on for the length of the call. The two options are available in the drop down box.
Master Code:	The master code must be 4 digits (Factory default 1111) and is required when using the SMS facilities on the GSM unit, entering the programming menu and also when dialling in to the unit from a number which is not stored.
Balance Check String:	The balance check string allows the balance on certain pay as you go SIM cards to be checked. This must be stored to allow the balance to be checked.
Speech board Volume:	The volume of the voice annunciation messages. The higher the number the higher the volume.
Speech board Mode:	The voice annunciation can be set to speak the number being called as a whole number (i.e. 100 would be spoken as ‘One hundred’) or can be set to speak the numbers individually (i.e. 100 would be spoken as ‘One’ ‘Zero’ ‘Zero’). Alternatively the speech board can be disabled from the drop down menu.
Speaker volume:	The speaker volume can be between 0 & 9. The higher the number the higher the volume.
Speaker volume:	The microphone volume can be between 0 & 9. The higher the number the higher the volume.
Time bands:	There are 10 time bands. The first is fixed to all day and cannot be changed , the other 9 can be set to any times (Ensure the ON time is lower than the OFF time).

CALL SETUP:



From the call setup page it is possible to assign up to 2 telephone numbers to each of the 1000 available locations. The divert telephone number will be used if the call is busy or not answered and will divert to this number after the divert time has elapsed. If no divert number is stored, the first number will continue to ring until the call times out.
Apartment No. can be up to 6 digits and is the number entered by a caller to initiate a call.
Apartment Name is only used on panels with the scroll facility. It is used to store names which can be scrolled through on the panel. The names can be up to 16 characters long.
Access Code is a unique to each user code that can be used to release the door/gate via the door panel keypad. The code can be up to 6 digits.
DTO when set means that the telephone number and the divert number for that user can dial into the panel and release the door/gate.
TB Select a time band for the user. This user will only be able to receive calls within this timeband.



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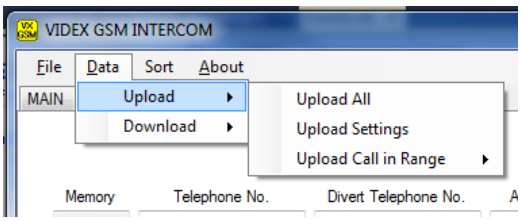
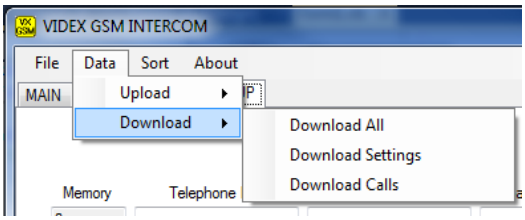
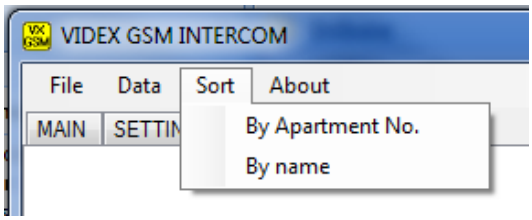




DATA MENU:

The data menu is only available when online. From here it is possible to upload the information from the PC to the GSM unit and download information from the GSM unit to the PC. Both upload and download have several options which include the facility to upload/download all data or upload/download only a section of data which is required and has been changed. When uploading it is recommended to only upload the range of locations in use as the upload for the complete memory will take a long time.



SORT MENU:

From the sort menu it is possible to put all the users data in order of apartment name or apartment number. On panels using the scroll facility we would recommend sorting into apartment name order.

Minimum PC Requirements:-

- Windows XP Service Pack 3 or Later
- DotNet framework 4 or later
- CD Drive (For installation only)
- USB port

The PC software kit should include:-

- GSMPRO CD-ROM
- USB A to USB Micro USB cable
- This user instruction

Licence agreement

This software once purchased can be used on as many GSM intercoms as required and under the control of the company which purchased the software but the CD cannot be copied or redistributed.

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