e68 User's Manual V1.08

1. Connect to e68

Use USB cable to connect e68 to PC, as shown in Fig.1.

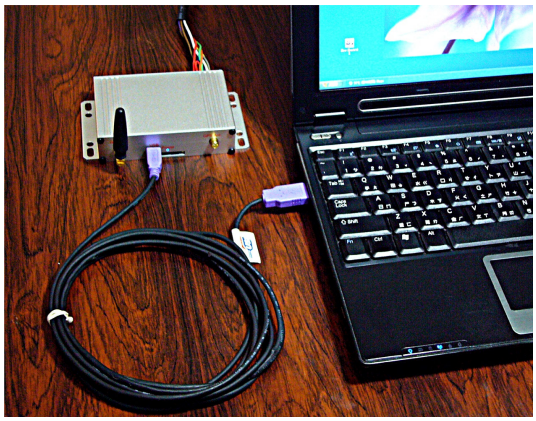

Fig.1 Connect to e68

2. Start the configuration program

Double clicks the icon on the screen to start the configuration program, as shown in Fig.2

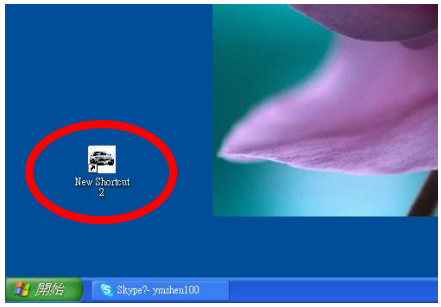

Fig.2 Click Icon to start setting

A blank parameter setting window should be shown in Fig.3

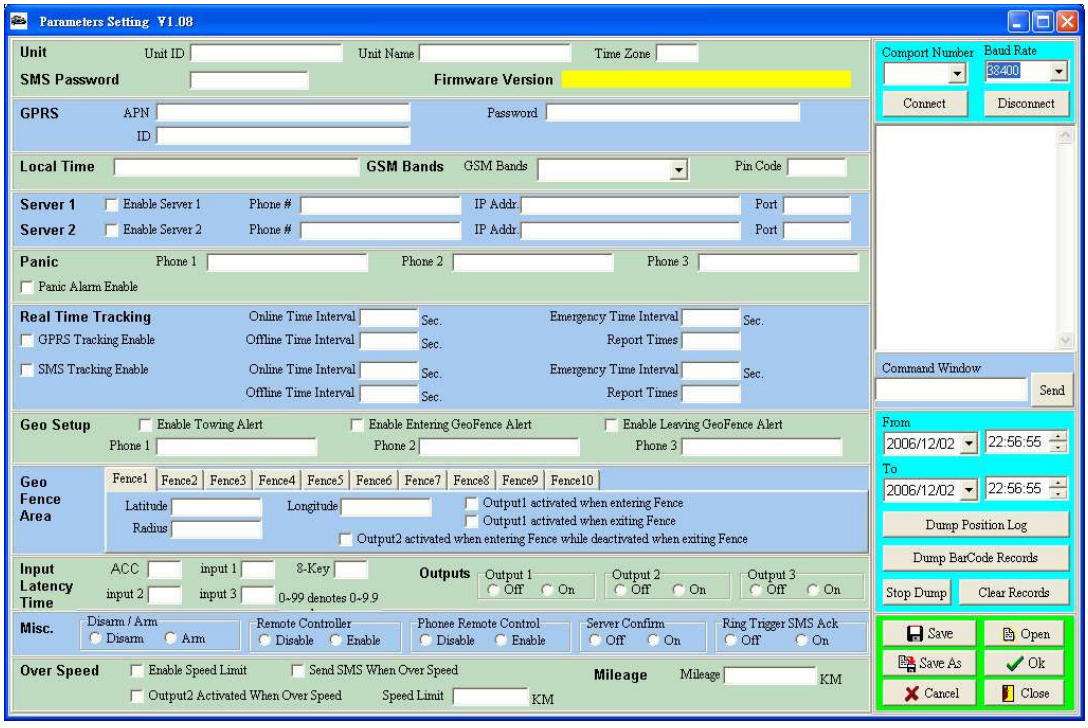

Fig.3 Parameter Setting Window

3. Choose Com-port

Choose a com-port for communicating between the e68 and PC, the configuration program scans all useable com-port automatically while program is started up. User is able to select a correct com-port from combo-box, as shown in Fig.4.

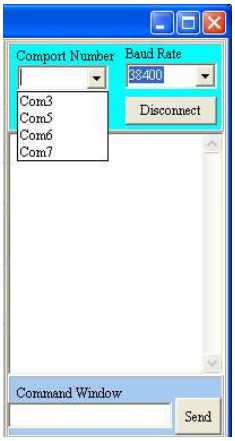

Fig.4 Choose com-port

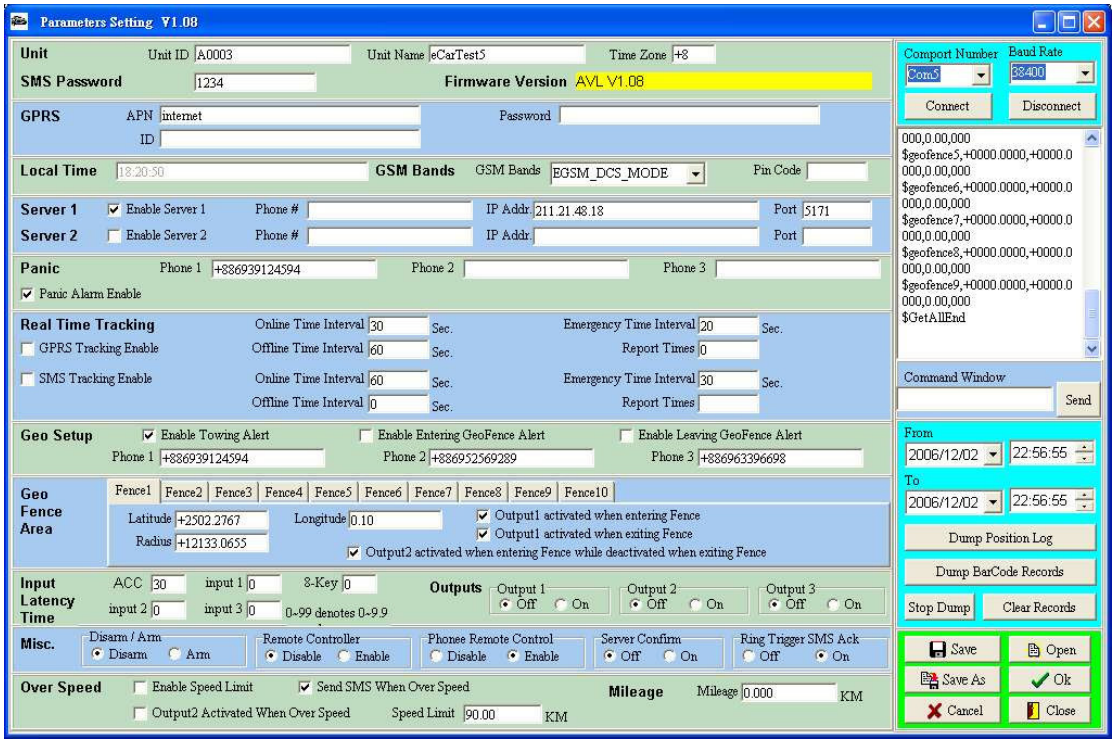

Fig. 5 Auto-download parameters when connected

When com-port has been selected, the configuration program sends a "getall" command to e68 for getting all parameters, as shown in Fig.5.

4. Select Baud Rate

The default baud rate is 38400, as shown Fig.5

5. Send Command to e68

User is able to send command to e68 manually from the command window, as shown in Fig.6.

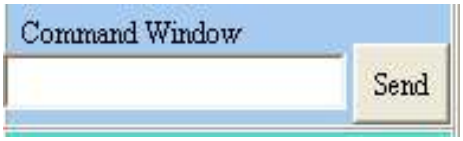

Fig.6 Command Window

6. Download Parameters from e68

User is able to get all parameters anytime, just type "$getall" command in the command window, then click the "Send" button, as shown in Fig. 7. All parameters should be shown in the display window, if e68 is connected. The last sentence in the display window, $GetAllEnd, means all parameters has been sent to e68, as shown in Fig.8

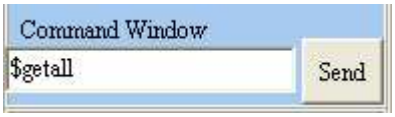

Fig.7 getall command

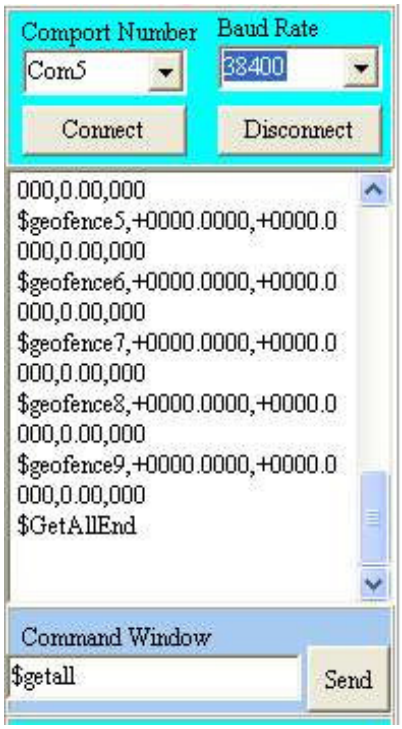

Fig.8 Display Window

7. Download Parameters from File

User is able to download parameters from disk for volume setting, Click "Open" button to open an existing file, as show in Fig.9.

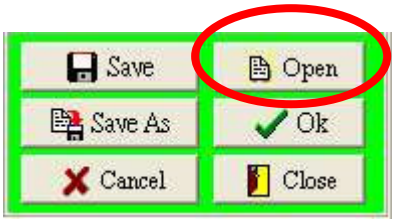

Fig. 9 Open file

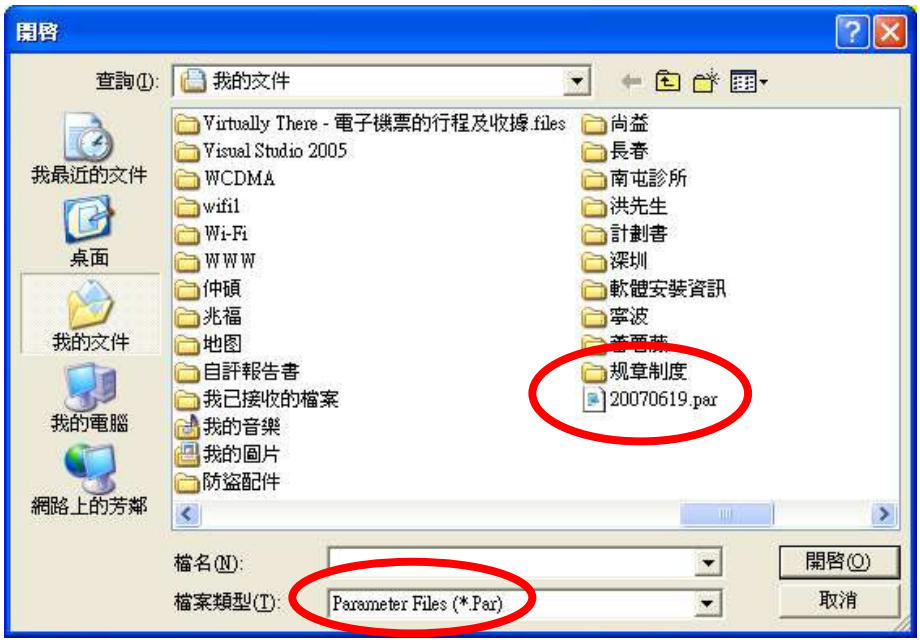

Fig. 10 Open File Dialog Window

The default file extension is “par” for parameter file, as shown in Fig.10.

8. Save Parameters into File

After parameters have been modified, user is able to save parameters into a file, click “Save” button, as shown in Fig.11.

Fig. 11 Save File

If no file is opened or parameters have not been downloaded from e68, a warning message should be shown to ask user using “Save As” to save parameters, as shown in Fig. 12.

Fig. 12 Warning message

9. Save parameters into a new file.

Click “Save As” button to open a dialog window for specifying the path and file name to save parameters in a new file, as shown in Fig.13 and Fig. 14

Fig. 13 Save As a new file

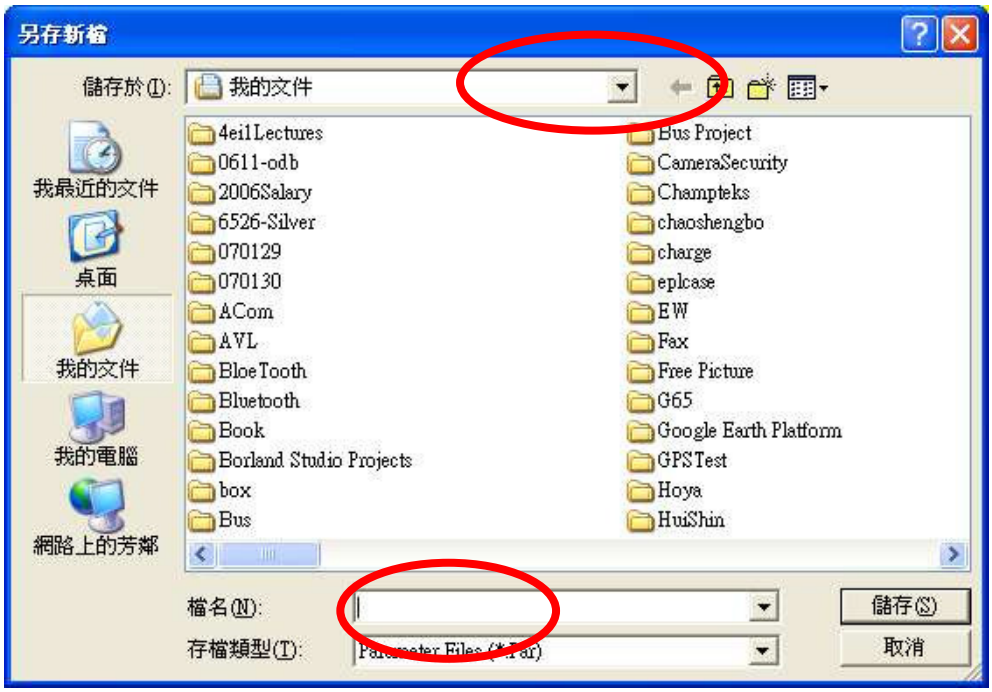

Fig. 14 Save As dialog window

10. Save Parameters to e68

Click “Ok” to save all parameters to e68, while click “Cancel” to give up the modified parameters and get all parameters back from e68, as shown in Fig.15.

Fig.15 Save parameters to e68

11. Download position log data and Barcode records from e68

User is able to download position log data and barcode records from e68 anytime. Starting date and time as well as ending date and time are able to specify, as shown in Fig.16. Click “Dump Position Log” to download position log data; while click “Dump BarCode Records” button to download barcode records. During downloading, user is able to stop the procedure by clicking “Stop Dump” button. After downloading All log data can be deleted by clicking “Clear Records” button.

Fig. 16 Download log data

12. Set Unit ID, Unit Name, Password for SMS Configuration and Get Firmware Version

Fig. 17 Set Unit ID and Unit Name

Unit ID and Unit name can be set by user to identify the e68. Time Zone has to be set to adjust the UTC time to the local time for user to reference. SMS password is employed to confirm the incoming SMS is sent from a legal user or not. The firmware version shown the current firmware version, this field is read only, as shown in Fig. 17.

13. Set GPRS Parameters for accessing internet

Fig. 18 Set GPRS parameters

User is able to set “APN”, “ID”, and “Password” for accessing the internet, as shown in Fig. 18. User can get these information from the mobile phone company that the sim-card supplier for your e68.

14. Get Local Time, select GSM Band, and set PIN Code

Fig. 19 Local Time

Local time information can be updated when the configuration program issues a "getall" command to e68, or user type "$localtime" in the command window and click 'Send" button, as shown in Fig.19. This field is read only.

For some areas user might need to select a proper GSM band for operation, the selected item of GSM Bands combo-box can be changed as user needs.

Some sim-card has PIN code lock function, user has to set the pin code for e68 to operate properly.

15. Set Server Parameters

Fig. 20 Set Server parameters

If "Enable Server 1" is checked, and the parameters of server 1 are set, e68 connects to server 1 when e68 is turned on. While "Enable Server 2" is checked, and the parameters of server 2 are set, e68 connects to server 2 when e68 is turned on, as shown in Fig.20. If both "Enable Server 1" and "Enable Server 2" are checked simultaneously, e68 connects to server 1 firstly, if failed to connect to server 1 then the server 2 is the second choice to connect to.

"Phone #" is the phone number of a GSM modem that connect to the server directly for receiving data from e68 via SMS. The "IP Add." And "Port" are the IP address and port number of the server.

16. Set Panic parameters

Fig. 21 Set Panic parameters

Panic alarm function can be set by checking or un-checking the "Panic Alarm Enable" check box, as shown in Fig. 21. If panic alarm function is enabled, user has to fill in three specific mobile phone numbers for receiving notification message while SOS button is pressed.

17. Set Tracking Parameters

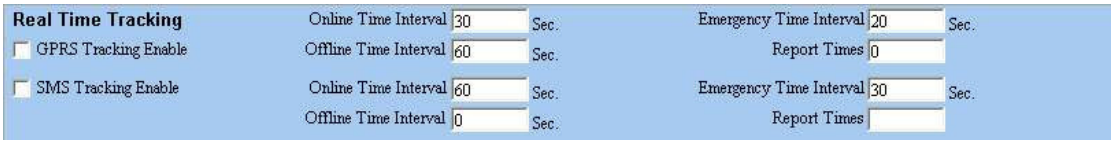

Fig. 22 Set tracking parameters

Tracking data can be sent via GPRS and with SMS to server. When “GPRS Tracking Enable” check box is checked, e68 sends location information via GPRS to server, while “SMS Tracking Enable” check box is checked, e68 sends location information to server with SMS, as shown in Fig.22. If both two check boxes are checked, the GPRS has priority.

“Online Time Interval” means the time interval during ACC on, “Offline Time Interval” means the time interval during ACC off, “Emergency Time Interval” means the time interval when SOS button is pressed. “Report Times” means the times location information will be sent when tracking on demand.

18. Set Geo-Fencing functions

Fig. 23 Set Geo-Fencing Functions

When “Enable Towing Alert” is checked, e68 will send an alert message via GPRS to server and 3 SMS to specific mobile phones when vehicle is moved over 50 meters during ACC off.

When “Enable Entering GeoFence Alert” is checked, e68 will send an alert message via GPRS to server and 3 SMS to specific mobile phones when vehicle entered a Geo Fence.

When “Enable Leaving GeoFence Alert” is checked, e68 will send a alert message via GPRS to server and 3 SMS to specific mobile phones when vehicle left a Geo Fence, as shown in Fig.23.

19. Set Geo-Fence Coordinate and Radius

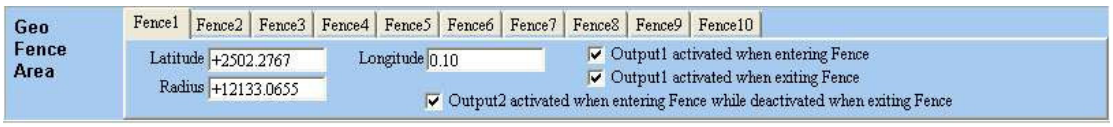

Fig. 24 Set Geo-Fence Coordinate and Radius

There are 10 Geo-Fences can be used in the e68, each Geo-Fence has the following parameter can be set:

Three basic parameters for Geo-Fence are Latitude, Longitude and Radius.

Output 1 is activated while the vehicle entered a Geo-Fence, if “Output 1 activated when entering Fence” is checked.

Output 1 is activated while the vehicle left a Geo-Fence, if “Output 1 activated when exiting Fence” is checked.

Output 2 is activated while the vehicle entered a Geo-Fence, and Output 2 is

inactivated while the vehicle left a Geo-Fence, if “Output 2 activated when entering Fence while deactivated when exiting Fence” is checked, as shown in Fig. 24.

20. Set Inputs Delay Time and Output States

Fig. 25 Set Inputs Delay Time and Ouput States

Four digital inputs can be set delay time to response individually. 8-Key field can be set delay response time for 8-Key Control Panel.

User is able to set the state of three outputs, as shown in Fig. 25.

21. Set Miscellaneous Parameters

Fig.26 Set miscellaneous parameters

“Disarm / Arm” radio box is for setting the e68 in a Disarm or Arm state.

“Remote Controller” radio box is for enabling or disabling the remote controller.

“Phone Remote Control” radio box is for enabling or disabling the user’s mobile phone to be used as a remote controller.

“Server Confirm” radio box is for enabling e68 to wait for server confirming the data transmission.

“Ring Trigger SMS Ack.” radio box is for enabling e68 to send location information with SMS when user made a phone call to e68, as shown in Fig.26

22. Set Speed Limit and Mileage

Fig. 27 Set Speed Limit and Mileage

When “Enable Speed Limit” check box is checked, e68 monitors the vehicle speed all time, once over speed occurs, e68 sends a alert message to server via GPRS, and SMS to 3 specific mobile phone if “Send SMS When OverSpeed” check box is checked. Output 2 is activated if “Output2 Activated When Over Speed” check box is checked. Limit Speed is pre-settable, as shown in Fig. 27.

The mileage is also pre-settable, the unit is kilo-meter, a floating point can be used.