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* AirconditionCtrl driver

In this AirconditionCtrl driver, you could send message, receive messages, read messages and delete messages. And all of these are done through SIM card. GSMMODEM.dll is used to make it easy to operate the device. Using this driver’s example is Apps / AirconditionCtrl.

In *DriverAirConditionCtrl.cs*, there are mainly four functions to operate serial port:

1. public void smsSend()

Sending specified message is done through this function.

1. public void smsReadById(int Sms\_ID)

We could read the messages stored in the SIM card by ID in this function.

1. public void smsDelByID(int Sms\_ID)

Deleting the useless messages by ID could be done in the function above.

1. private void gm\_SmsRecieved(object sender, EventArgs e)

This function receives the new message sent from SIM of the air condition

* Device Information

We use GSM/GPRS Modem to accomplish the function of operating the air condition.

A SIM card must be plugged into the slot in the Modem. Of course, the smart airconditioner have a SIM card to receive and send the specified messages. The Modem should be connected by the USB port of PC or laptop.