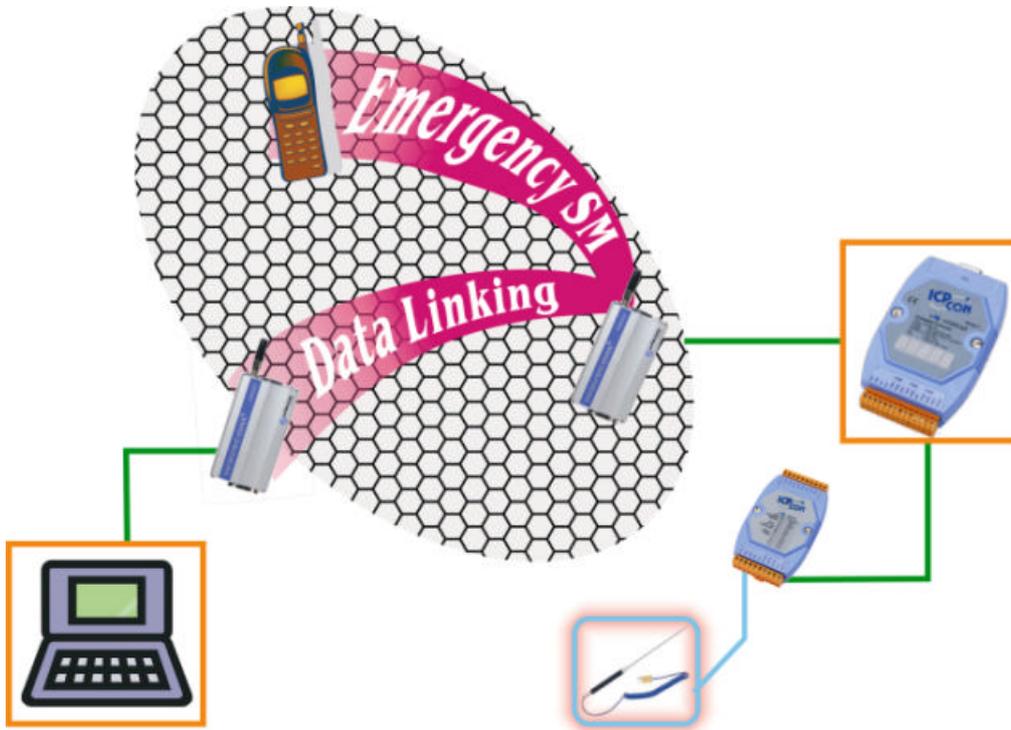


## GSM functions for I-7188XA introduction



### ◆ **int Check\_MODEM(int COMPort)**

This function allows you to check the status of the GSM Modem. If the configuration of the GSM Modem is incorrect, e.g. baudrate, data format or COM port, the function will return an error value.

The argument **COMPort** is the I-7188XA's COM port connected to the GSM Modem.

### ◆ **int Dial(int COMPort, char \*DialNO)**

This function allows you to connect to a remote.

The argument **\*DialNO** is the phone number of the remote GSM Modem.

### ◆ **int DataLink(int COMPort, char \*TELNO, char \*SendData, char \*ReceiveData)**

This function allows you to connect to a remote host for data transmission and receipt. The function already includes the **Dial** function, so there is no need to use the **Dial** function before you using **DataLink** function.

The argument **\*SendData** is the string that you want to send to the remote host. The **\*ReceiveData** is the string that is transmitted by the remote host.

◆ **int SMS(int COMPort, char \*TELNO, char \*SMStxt)**

This function allows you to send the SMS messages to a remote GSM Modem or cellular phone.

The argument **\*SMStxt** is the string that you want to send to the remote GSM Modem or cellular phone.

◆ **void Hang\_UP(int COMPort)**

This function allows you to hang up your GSM Modem.

◆ **void EnableLEDmsg(void)**

This function allows you to enable the 7 segment LED as a simple HMI, indicating the status of system.

The default value of the HMI is enabled.

◆ **void DisableLEDmsg(void)**

The function allows you to disable the 7 segment LED as a simple HMI. If your I-7188XA doesn't have the 7 segments LED or if you don't need the HMI facility, you can use this function to disable the HMI capability.

**Refer to GSMDEMO.C & GPS\_GSM.C for the usage of the above functions.**

- ◆ Before using the above functions, ensure that you have included the header file GSM.H in your program. You should also insert GSM.LIB in your \*.PRJ file when you compile this program.