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QUICKSTART – LVL01

Setting Up USB Connection to NoteBook/PC Host

- 1) Connect the PM05x to the USB Port on the Host PC. The first time the unit is connected to the Host PC via USB, it will request for Driver
- 2) Browse to the Directory USB driver \ i386 and install the USB Driver. When this is installed, a Virtual Comm Port will be installed on the PC every time the PM05x is connected to the PC.
- 3) Then goes to control panel -> System -> Hardware -> Device Manager -> Ports (COM & LPT). Select the Virtual COMM Port and change the Port Number (for example Port2 or Port 3 or Port4). Sometimes the PC will assigned for example Port10 by default
- 4) Run HyperTerminal, Set it to the Com Port that the PM05x is selected (a typical setup is on the CD filename T38400.ht, you can simply open this file from HyperTerminal).
Set the COMPORT to 38400, 8bit, No Parity, 1 stop Bit and select the Virtual COMPort.
- 5) Log in Name by default is admin and Password by default is admin
- 6) Note that if the PM05x is power cycle ON and OFF, windows will disconnect the virtual COMPORT and Hyperterminal will not be aware. Therefore you need to Disconnect the HyperTerminal (Hangup) and then Connect again.

Setting up PM05x RTU

1. Runs HyperTerminal on the PC configure for 38400, 8 data, 1 stop, No Parity.
2. Power up the RTU. When the PM05x connected to the GSM Network (as indicated on the LCD) , on the Hyperterminal, Enter :
User Name = admin
Password = admin
3. When the Main Menu appears, select System Menu
Enter the RTU Name.
Enter the GSM Number for this RTU.
Setup the Sytem Date and Time (This is battery backup for more than >8 years)
Change the IP address (default is 192.168.1.51)
Change the IP Mask (default is 255.255.255.0)
Change the Default GateWay (default is 192.168.1.1.)
4. Escape to Main Menu. Select Setup. Save Setup.
5. Logout
6. Close HyperTerminal.

Creating and Editing Phone Numbers

1. Login to the PM05x RTU via Hyper Terminal.
2. Select Group and Phone Menu.
3. Select the Group.
4. Select the User Phone.
5. Edit the user Phone.
6. Ensure that the User Phone is Enable and the Group is Enable.
7. Go to the Main Menu, Setup -> save Setup.

Adjusting Display Offset value

1. Login to the PM05x RTU via Hyper Terminal.
2. Select Calibration Menu.
3. Select ADC Calibration.
4. Select ADC Display Offset.
5. Select Set Display Offset
6. Select the analog channel that the display offset is to be added.
7. Enter the offset with decimal (example 1.35 or -1.35) to add or subtract to the current display.
8. Escape to the previous menu (select analog channel) and select the channel again. Now you should see the changed offset.
8. Go to the Main Menu, Setup -> save Setup.

```
=====
Set Display Offset
=====
```

```
No | Description
-----
```

- 1 | AIN# 1
- 2 | AIN# 2
- 3 | AIN# 3
- 4 | AIN# 4

```
-----
Press <ENTER> to refresh, <ESCAPE> to go to previous menu, or
Type <1,2,..> and press <ENTER> to continue.
> 1
```

```
=====
Analog Input 1, AIN# 1
=====
```

```
Current Reading: 0.00mA
-----
```

```
Enter the offset and press <ENTER> to adjust the reading.
Press <ESC> to go back.
>
```