# ET-6000 series

## Quick Start Manual

# Package checklist

The package includes the following items:

- One ET-6000 hardware module
- One Quick Start Manual
- One software utility CD
- One RS-232 download cable
- One screw driver

**Note**:
> If any of these items are missed or damaged, contact the local distributors for more information. Save the shipping materials and cartons in case you want to ship in the future.

# Related documents and firmware

**Documents**

> User Manual: ET6000_User_Manual.pdf
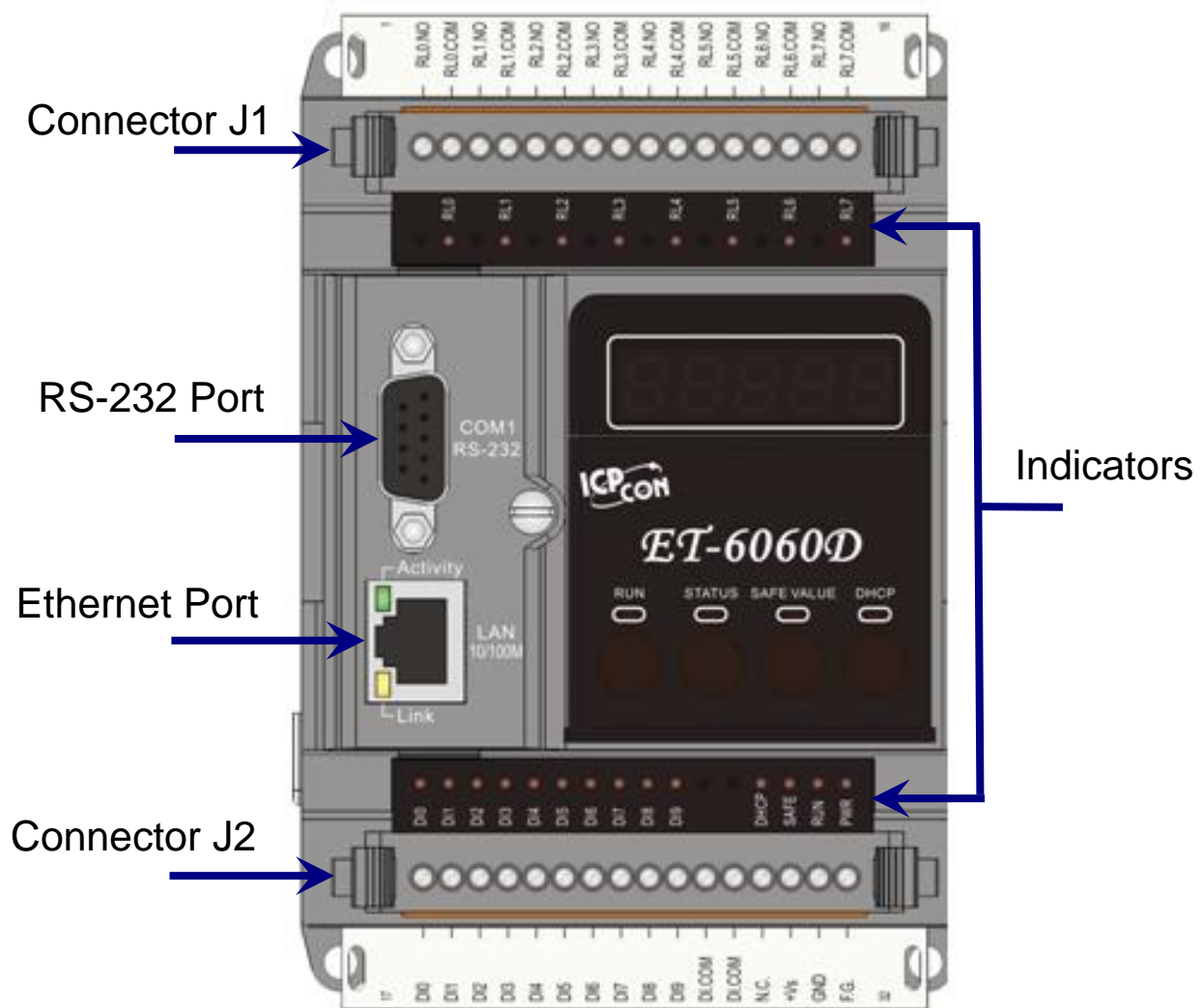> Quick Start Manual: ET6000_QuickStart_Manual.pdf
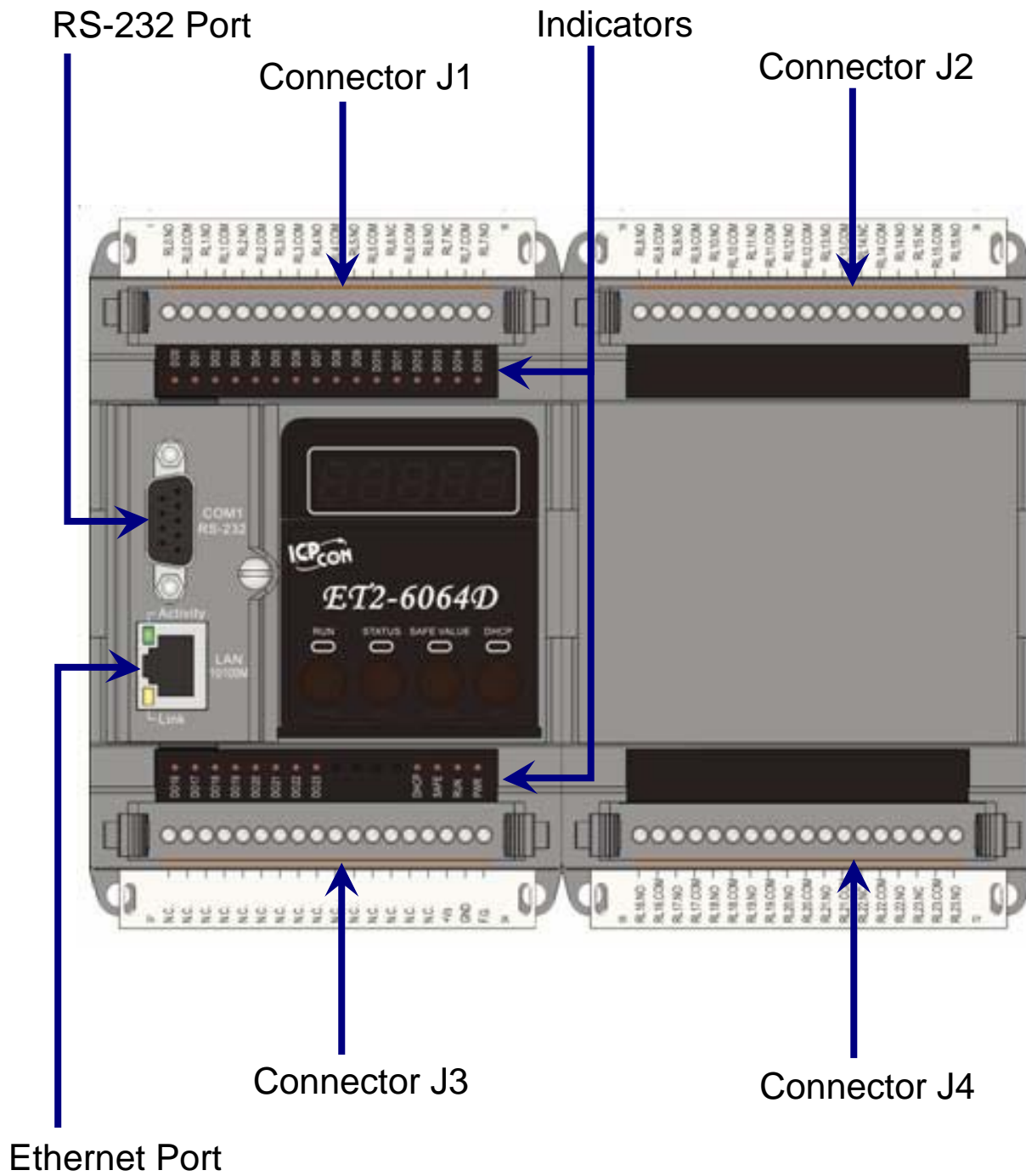> Location: CD: \NAPDOS\ET6000\Document

**Firmware**:

> Location: CD: \NAPDOS\ET6000\Firmware

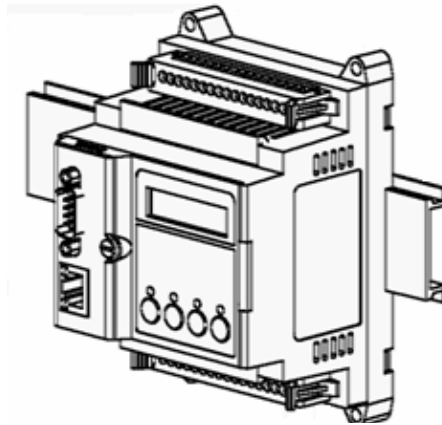# 1. Preparation

**View of the
1 Unit
Module**

Connector J1

RS-232 Port

Ethernet Port

Connector J2

Indicators

**View of the
2 Unit
Module**

RS-232 Port  Indicators  Connector J2

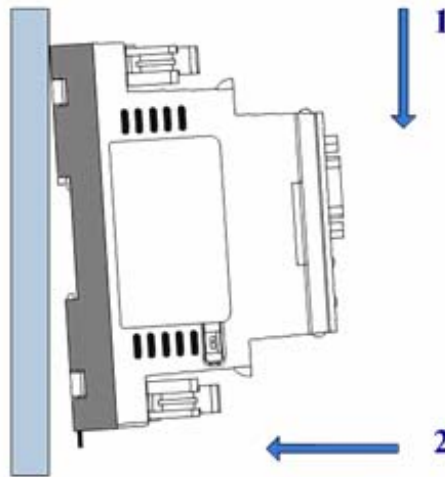Connector J1



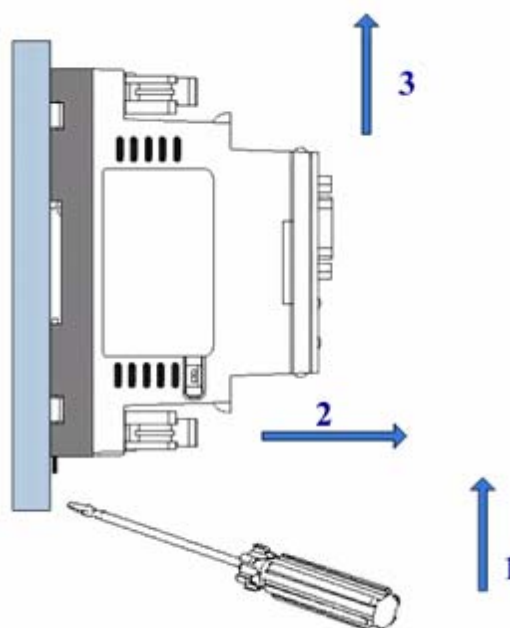Connector J3  Connector J4

Ethernet Port

**Mounting the ET-6000**

Din-Rail Mounting (One Unit)
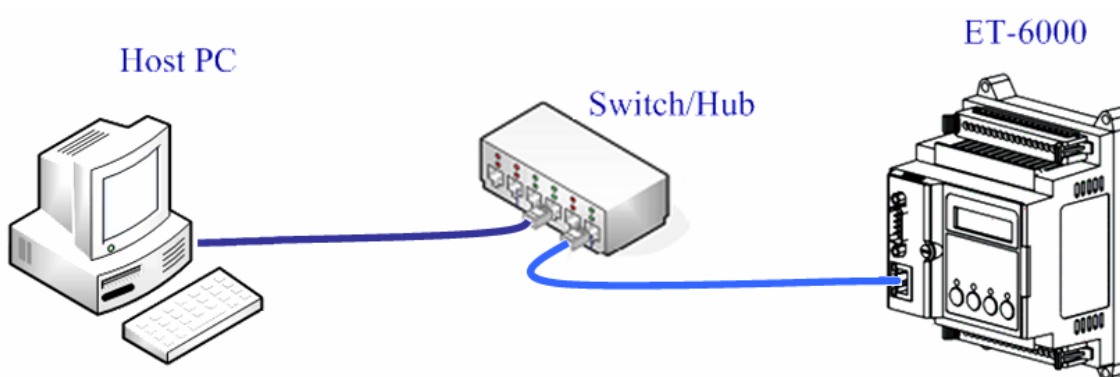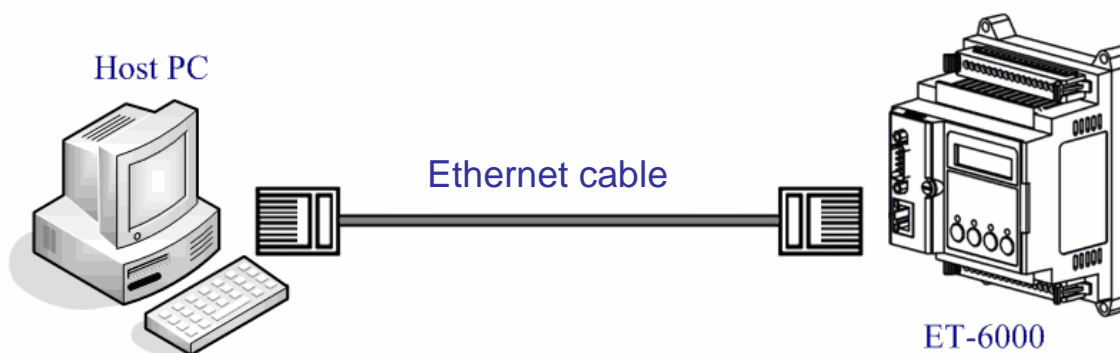


Snap the ET-6000 on to the DIN-rail
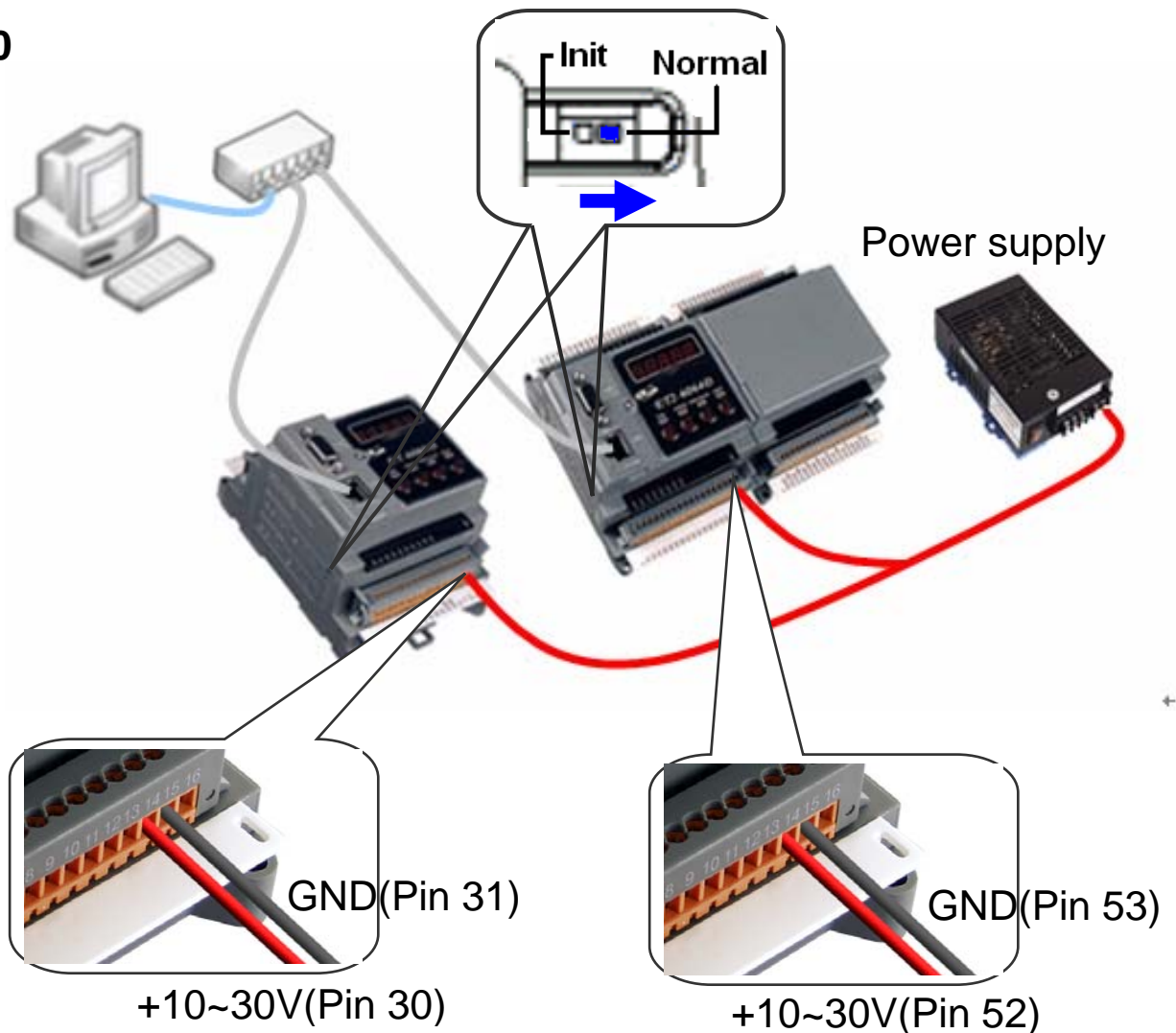


Snap the ET-6000 off from the DIN-rail

**Connecting the ET-6000 into the Ethernet**

**Link** the ET-6000 and host PC direct or link the ET-6000 into the same Ethernet as host PC.

**Apply power to the ET-6000**

**1. Check** Init/Normal switch is on **Normal** position.

Init  Normal

Power supply

GND(Pin 31)

+10~30V(Pin 30)

GND(Pin 53)

+10~30V(Pin 52)

**2. Apply power** (+Vs, GND) to the ET-6000, +Vs can be range from +10V to +30V DC.

**3. Check** that the 5-digit 7-SEG LED continuously shows the group ID information from 11111 to 44444.

**4. Check** that the "RUN" LED periodically ON for 0.5 seconds and then OFF for 0.5 seconds.

# 2. Ethernet Configuration

Configuring the network settings correctly is the most important procedure prior to using ET-6000 controller. The following settings must be configured:

**Networking settings**: IP, Mask, and Gateway of ET-6000.

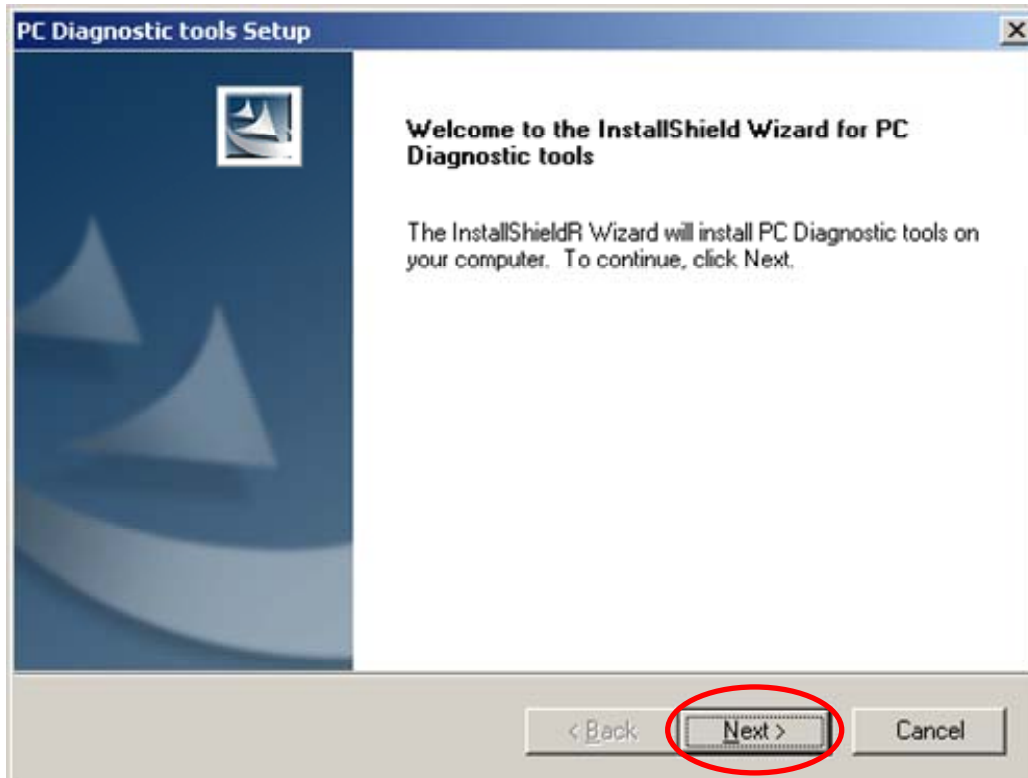| Item | Default |
|------|---------|
| IP Address | 192.168.255.1 |
| Subnet Mask | 255.255.0.0 |
| Gateway | 192.168.0.1 |

# Installing PCDiag

The PC Diagnostic tool is located on the shipment CD and FTP. The paths are

- *CD:\ NAPDOS \ ET6000 \ Tools \ PCDiag \ Setup_2.0.5*

- *ftp:// ftp.icpdas.com / pub / cd / 6000cd / napdos / et6000 / tools / pcdiag / setup_2.0.5 /*
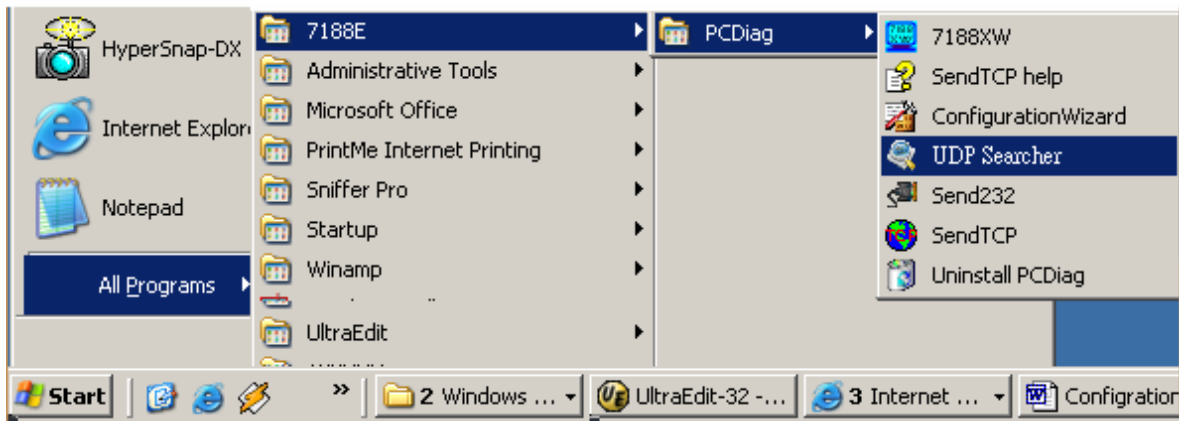
Please follow the steps below:

1. **Double Click** the "Setup.exe" to start installing.

2. **Click** on "Next" when the Welcome window opens.



3. **Click** on "Next" to install program files in the default directory, or select an alternative location by pressing "Browser…".

4. **Select** the folder using in list of "Start Menu" >> "Program">>, and then click on "Next" to continue

5. **Click** on "Next" to proceed with the installation.

6. **Click** on "Finish" to complete the installation.

# UDP Searcher -- **Search the devices**

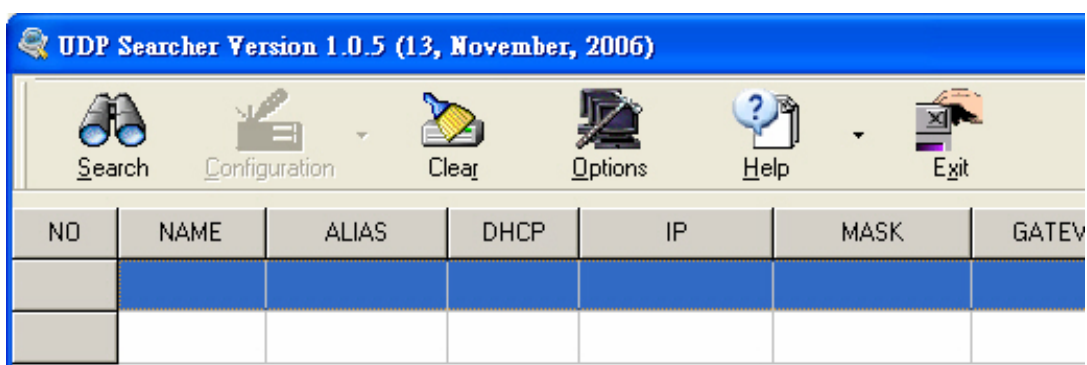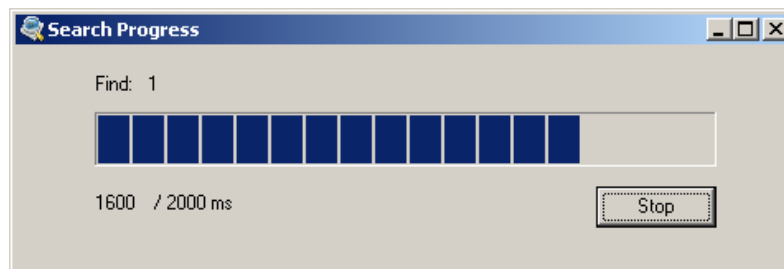**1. Run** the UDP Searcher on the PCDiag folder.



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 **Note:**

Before using this utility, ensure that you have connected the ET-6000 units installed on the same Ethernet network as the PC is connected to. Please refer to page 1-4 for Ethernet cable wiring.
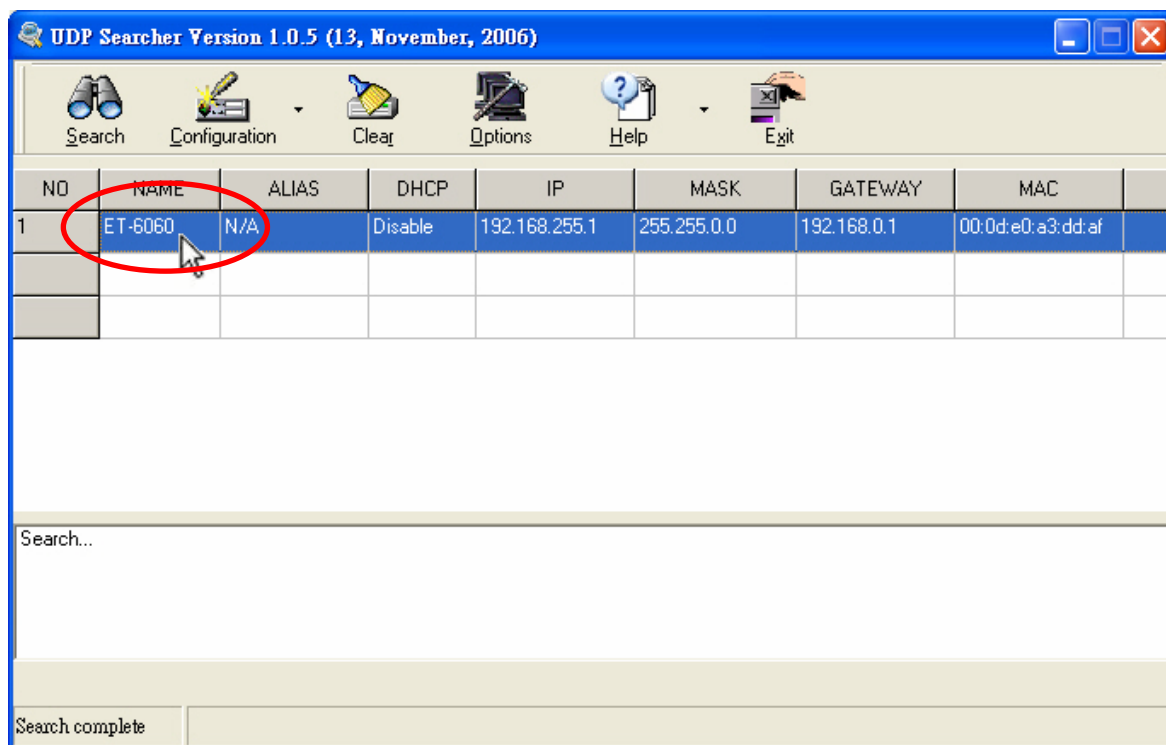
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**2. Click** the  button to scan the ET-6000 modules on the Ethernet network.

The Search Progress window will appear and list the devices found until timeout or users click the Stop button.
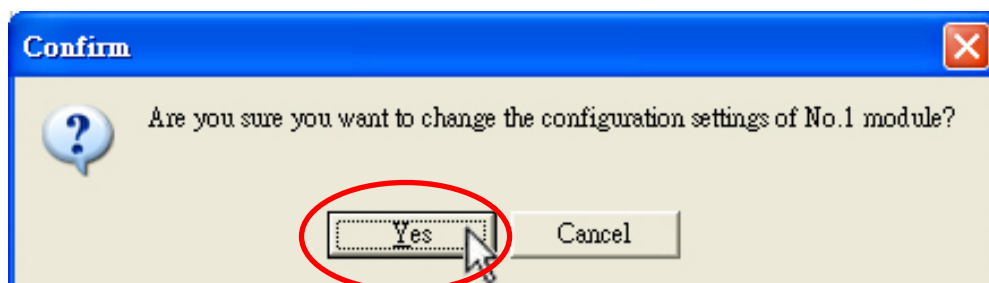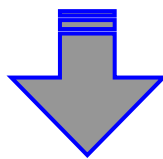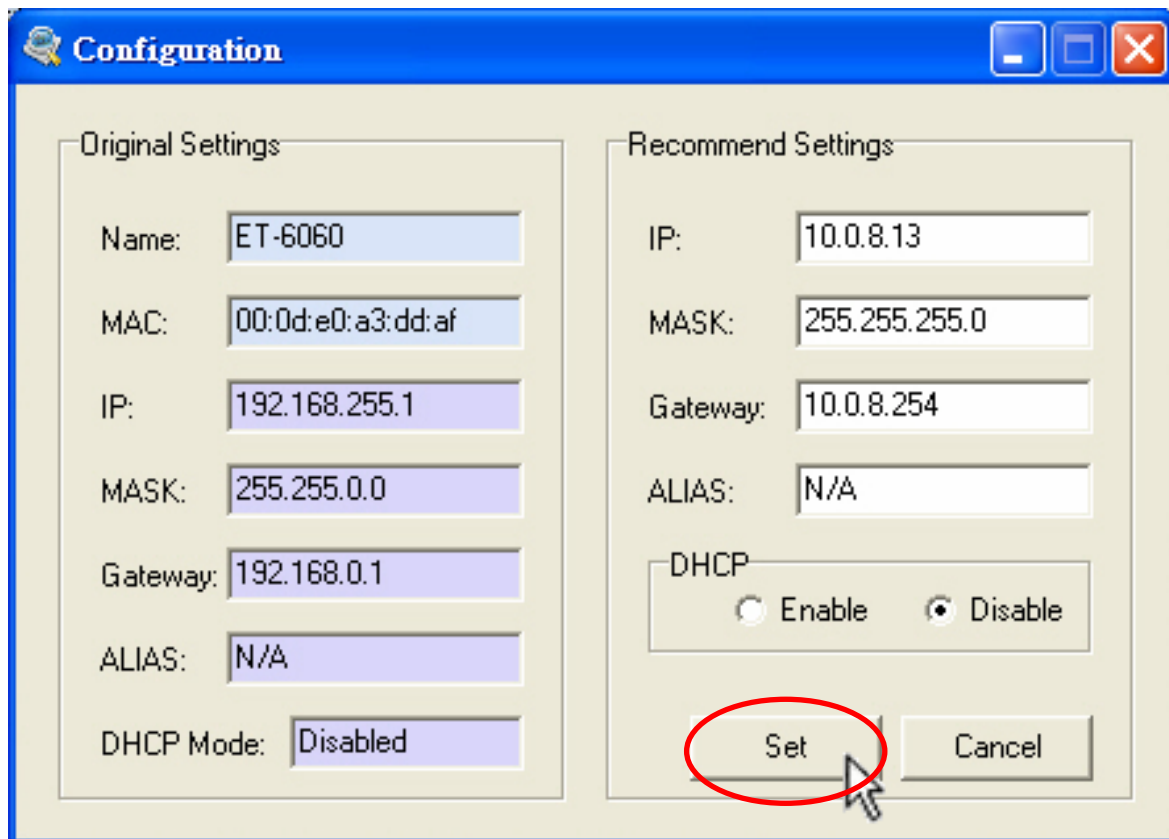


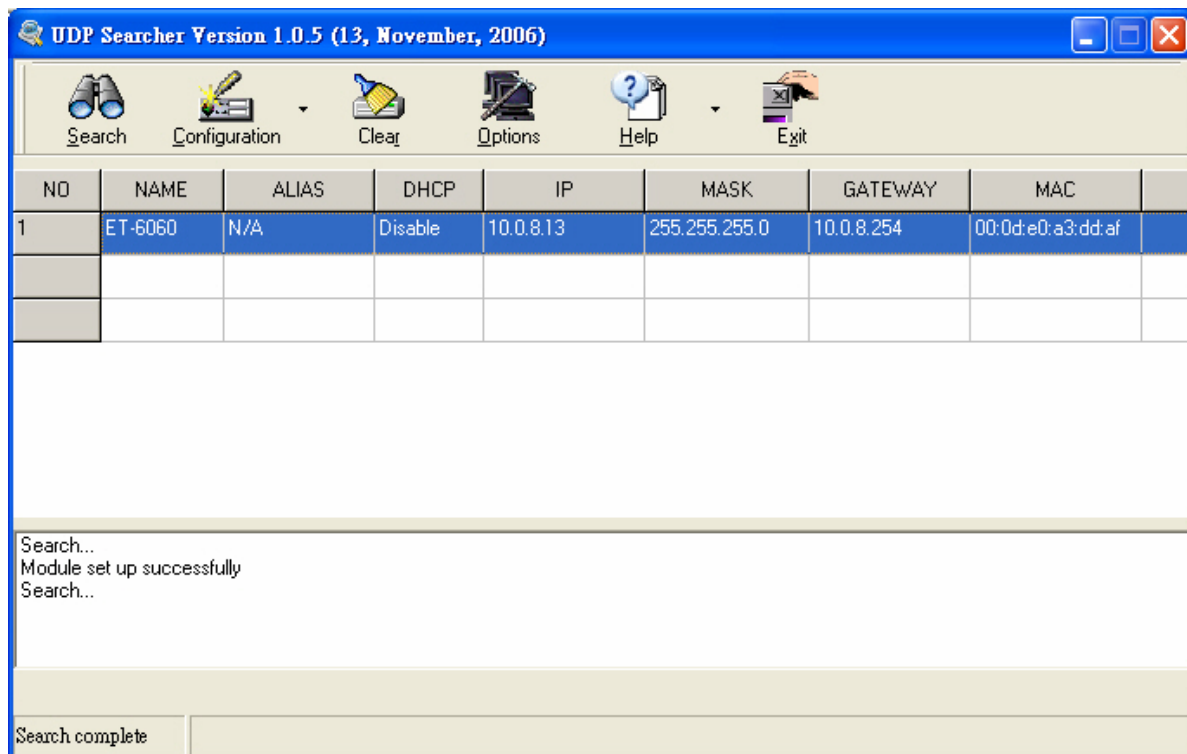**3. Double-click** the device item to configure IP settings.

**4. Press** the "Set" button to use the "Recommend Settings".

Or change the IP/ Mask/ Gateway address and Alias name in the "Recommend Settings" partition, then press the "Set" button to take effect of the settings.
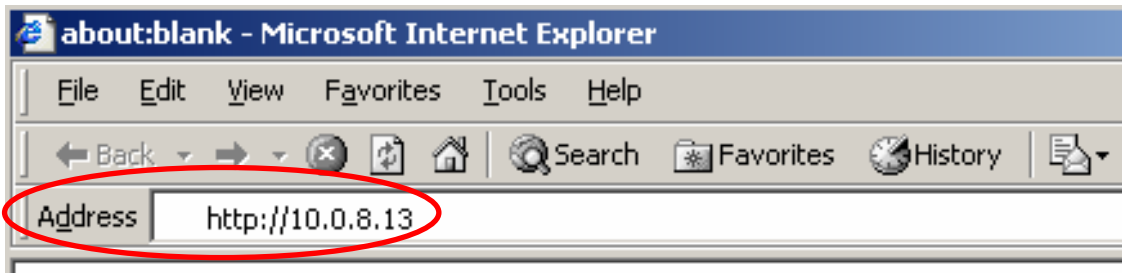




Click the "Yes" button will cause the ET-6000 to reboot to make the settings effectively.

**5. Search** again to check whether the settings have been changed or not.
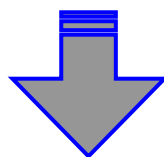
## 3. Connect the ET-6000 -- by web browser

1. **Start up** the web browser (Internet Explorer, Mozilla or Firefox), input the URL address of the ET-6000 (such as http://10.0.8.13) and then press "Enter" key to link the ET-6000.



2. **Input** the User name and Password.

### Web page Configuration

| Item | Default |
|------|---------|
| User name | Admin (Case sensitive) |
| Password | Admin (Case sensitive) |

The brief description of the Web page configuration function is listed on six main functions of the tree structure.