

Packing List

In addition to this guide, the package includes the following items:



t(P)ET-AD2 x 1



Quick Start x1

Resources

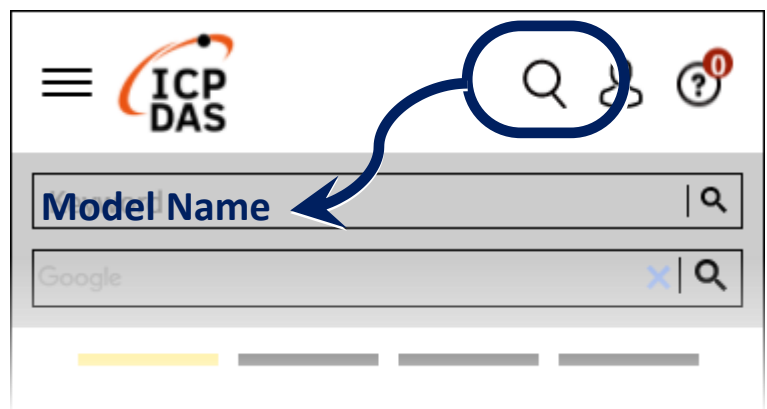
How to search for drivers, manuals and spec information on ICP DAS website.

Technical Support

service@icpdas.com

www.icpdas.com

- For Mobile Web



- For Desktop Web



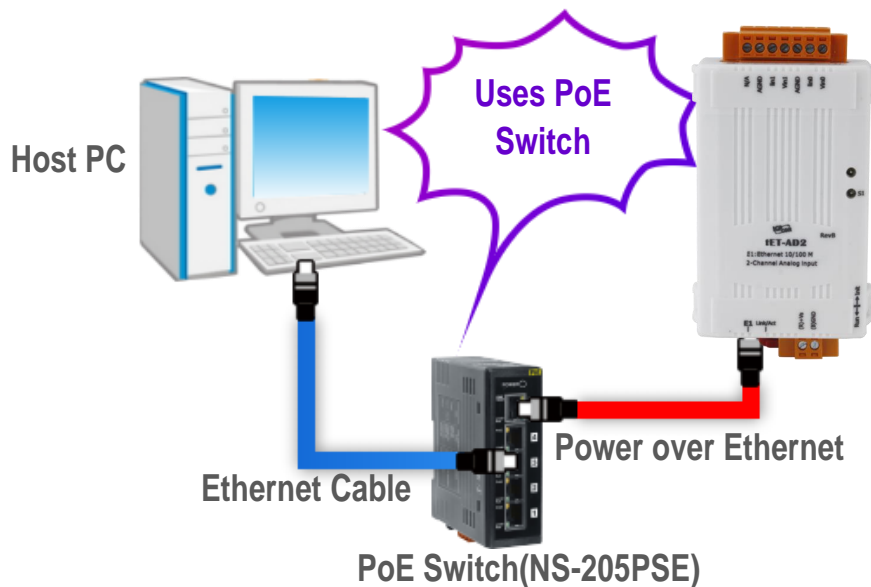
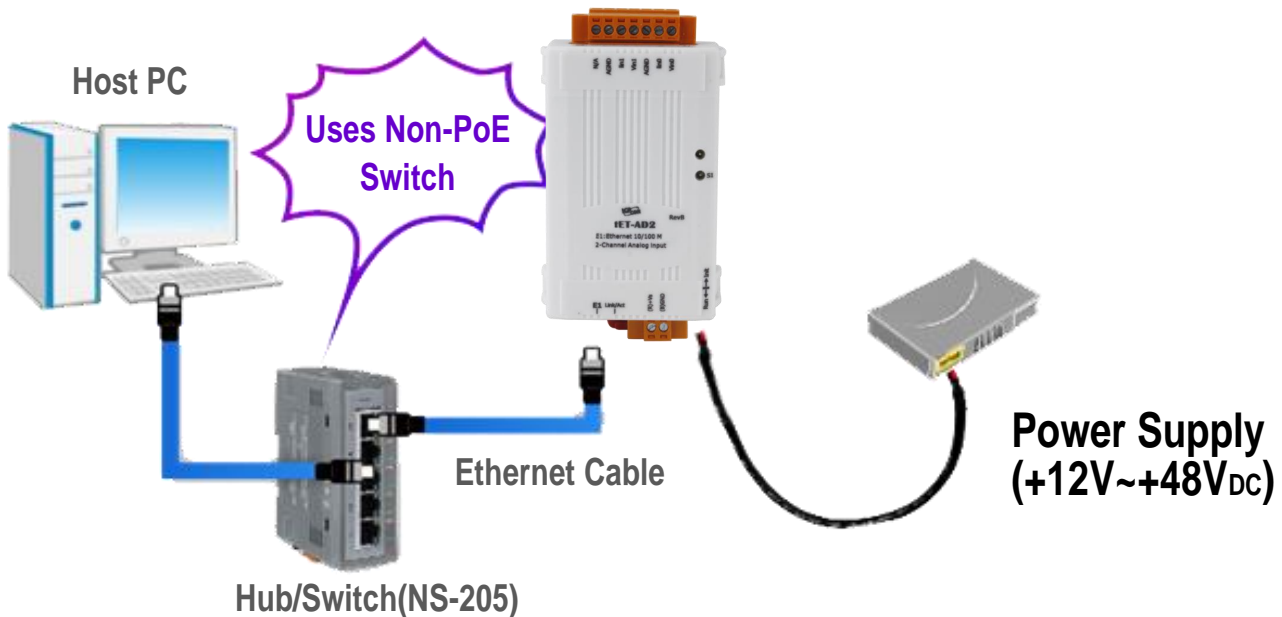
1 Connecting the Power and Host PC

1) Make sure your PC has workable network settings.

Disable or well configure your Windows firewall and Anti-Virus firewall first, else the “**Search Servers**” on **Chapter 3** may not work. (Please contact with your system Administrator)

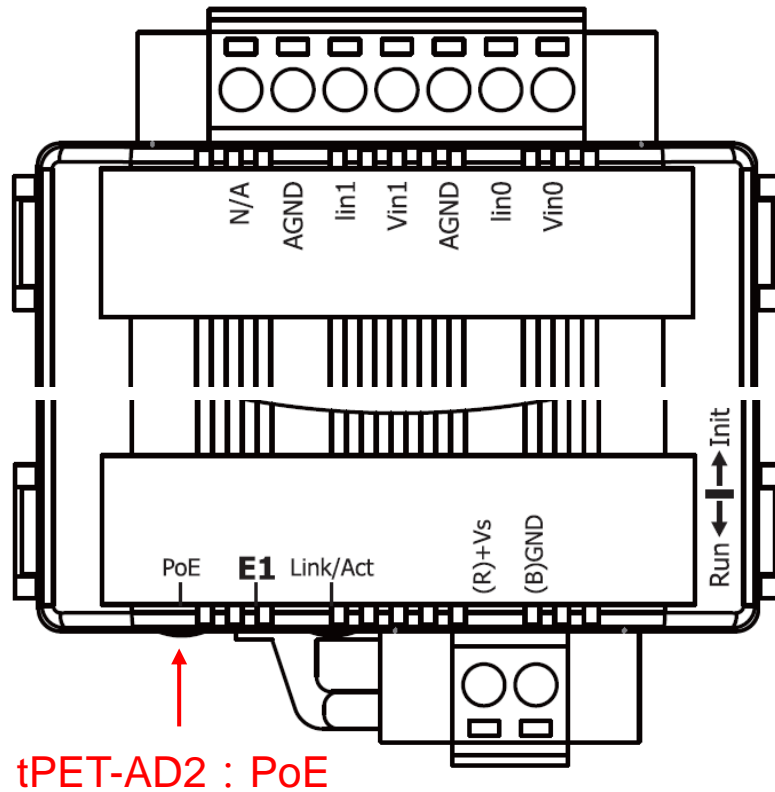
2) Connect both the t(P)ET-AD2 and your PC to the same sub network or the same Ethernet switch.

3) Supply power (PoE or +12 to +48 VDC) to the t(P)ET-AD2. °

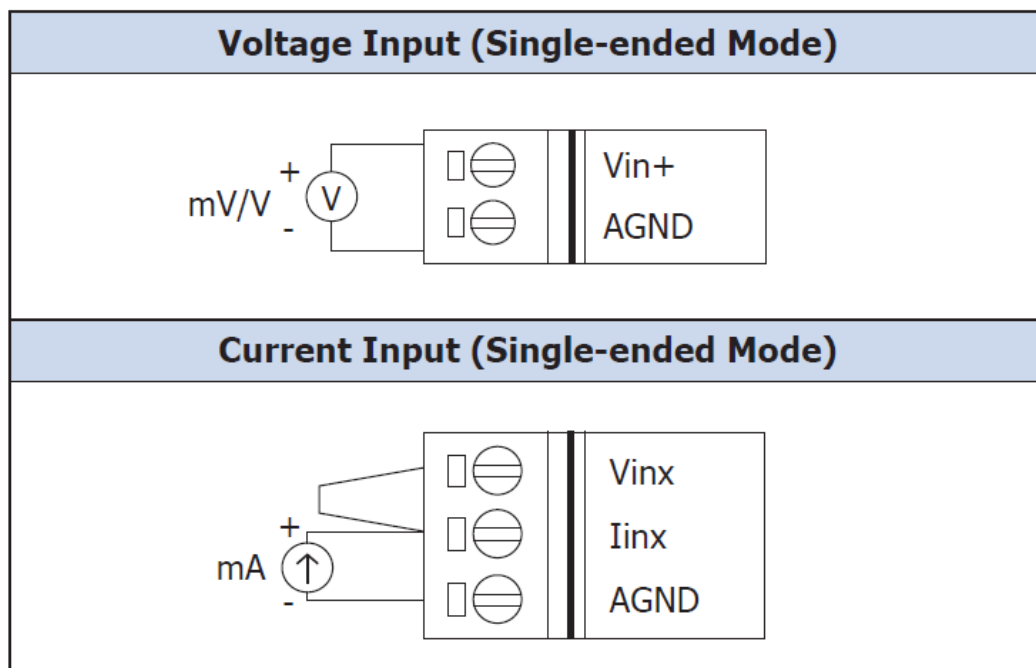


2 Pin Assignments & Wire Connections

Pin Assignments :



Wire Connections :



3 Configuring Network Settings

1) Run the eSearch Utility.

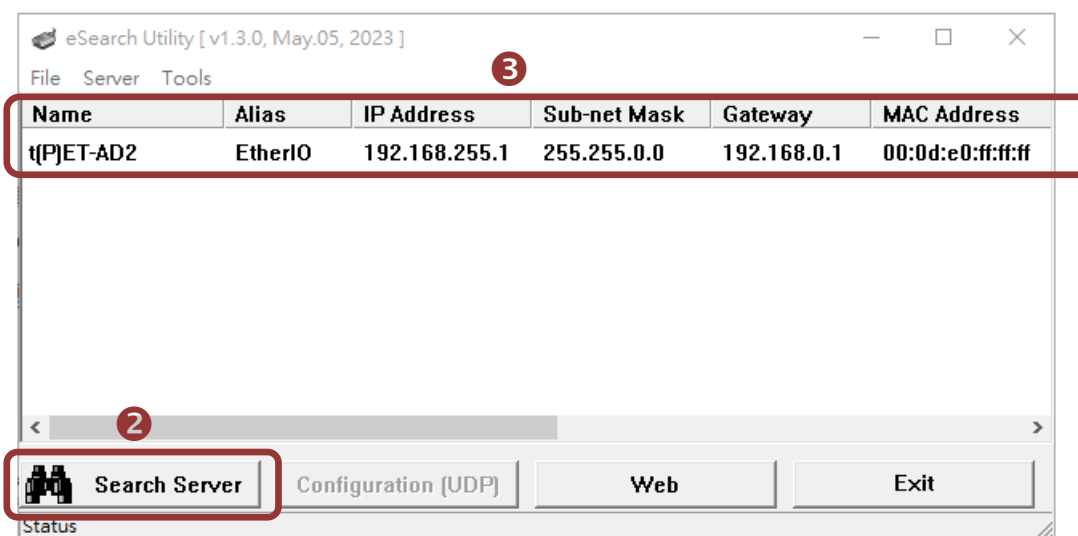
eSearch Utility download link:

<https://www.icpdas.com/en/download/index.php?nation=US&kind1=&model=&kw=esearch>



2) Click the “**Search Servers**” to search your t(P)ET-AD2.

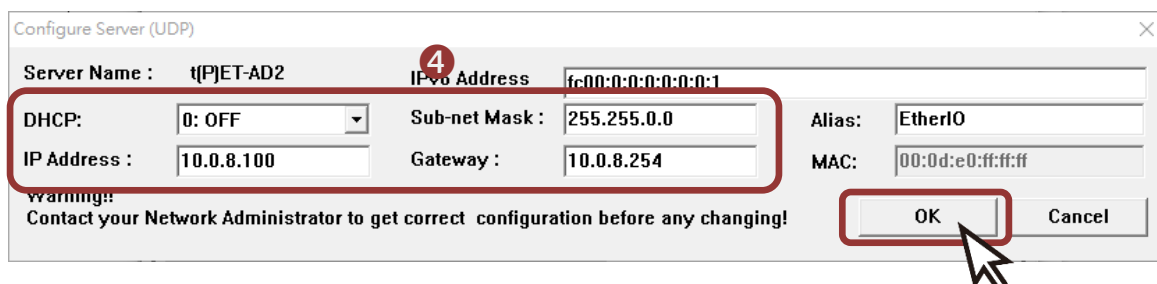
3) Double-click your t(P)ET-AD2 to configure the settings.



Factory Default Settings of t(P)ET-AD2:

IP Address	192.168.255.1
Subnet Mask	255.255.0.0
Gateway	192.168.0.1

4) Contact your Network Administrator to obtain a correct network configuration (such as **IP/Mask/Gateway**). Enter the network settings and click “**OK**”. **⚠ Note: The t(P)ET-AD2 will use the new settings 2 seconds later.**



4 Login Web Server

- 1) Click “Search Servers” button again to ensure the t(P)ET-AD2 is working well with new configuration, than click the name of t(P)ET-AD2 to select it. °
- 2) Click the “Web” button to log in to the web configuration pages.(Or enter the URL address of the t(P)ET-AD2 in the address bar of the browser.)



- 3) For the first time using the module, you have to change the password and click the “Submit” button.

! Default password : Admin



Ethernet I/O Module

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Change Password

The length of the password is 12 characters maximum.

Current password:	<input type="password"/>
New password:	<input type="password"/>
Confirm new password:	<input type="password"/>
<input type="button" value="Submit"/>	

4) Enter the new password in the “Login password” field and click the “Submit” button.



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The system is logged out.

To enter the web configuration, please type password in the following field.

Login password:

Google Chrome: Menu / Settings / Show advanced settings / Privacy / Content settings / Javascript / Allow all sites to run JavaScript (recommended).

Microsoft IE: Menu / Tools / Internet Options / Security / Internet / Custom level... / Scripting / Enable.

Firefox: about:config / I'll be careful, I promise! / Preference Name / javascript.enabled / True.

When using IE, please disable its cache as follows.

Menu items: Tools / Internet Options... / General / Temporary Internet Files / Settings... / Every visit to the page

5) Enter the “Home” page



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Model Name	t(P)ET-AD2	Alias Name	EtherIO
Firmware Version	v00.9.1 [20230829]	MAC Address	00-0d-e0-ff-ff-ff
IP Address	10.0.8.100	Initial Switch	OFF
(Socket Watchdog, Sec's)TCP Timeout	0	(Network Watchdog, Sec's)System Timeout	0
Modbus Format	Hexadecimal	Sampling Rate	Normal

Analog Input (Modbus Address: AI=30000 ~)

AI Channel	Value (30000~)	Type (40427~)	4mA WireBreak (30380~)	Channel Enable (00595~)	Hi Alarm Status/Clear (10224~)	Low Alarm Status/Clear (10256~)	Max Latch (30236~)	Min Latch (30268~)	Clear Latch (00764/796~)
AI0:	0.000	0x08:0 ~ +10V	-	Enabled	<input type="button" value="Disable"/>	<input type="button" value="Disable"/>	0.000	0.000	<input type="button" value="Clear Latch"/>
AI1:	0.000	0x08:0 ~ +10V	-	Enabled	<input type="button" value="Disable"/>	<input type="button" value="Disable"/>	0.000	0.000	<input type="button" value="Clear Latch"/>

Current port settings:

Pair-Connection Settings	Port 1
Server Mode	Server
Remote Server IP	Disabled
Remote TCP Port	Disabled

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