

T1 Quick Start
Device Configuration
Network Settings

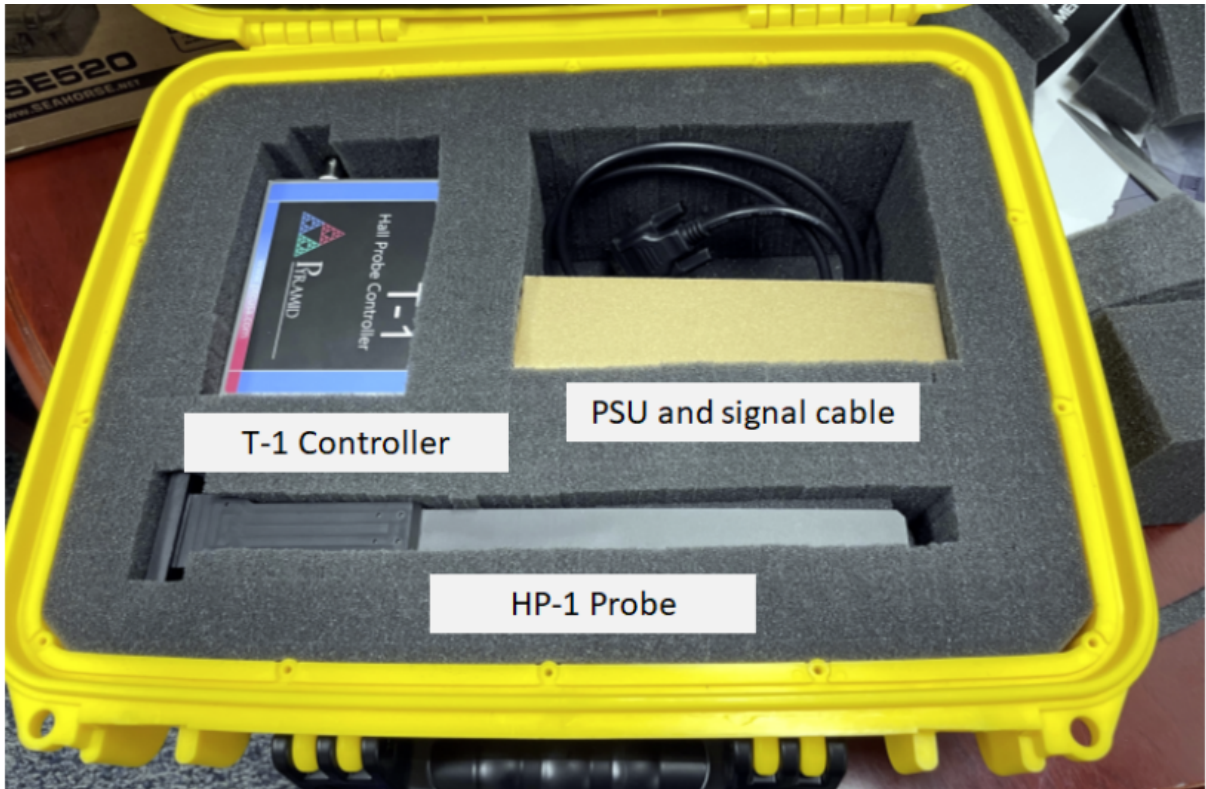
Setting Name	Factory Default	Custom Setting
DHCP Enabled	Yes	
Static IP Address	192.168.100.20	
Static Net Mask	255.255.255.0	

Special Notes

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Setting up the T1

1. Unpack the T1 controller, HP-1 probe, PSU24-25-1 power supply, and signal cable and check everything is present and in good condition. If a line power lead is not included with your order, you will need a IEC C7 style with local line plug, widely available at low cost.



Packaging may vary.

2. Connect the T1 to the probe with the 9-pin cable.
3. Connect the T1 Ethernet connector to your local network or directly to your computer.
4. Plug in the power supply and connect it to the T1. You will see the power indicator light up on the back of the T1 chassis.

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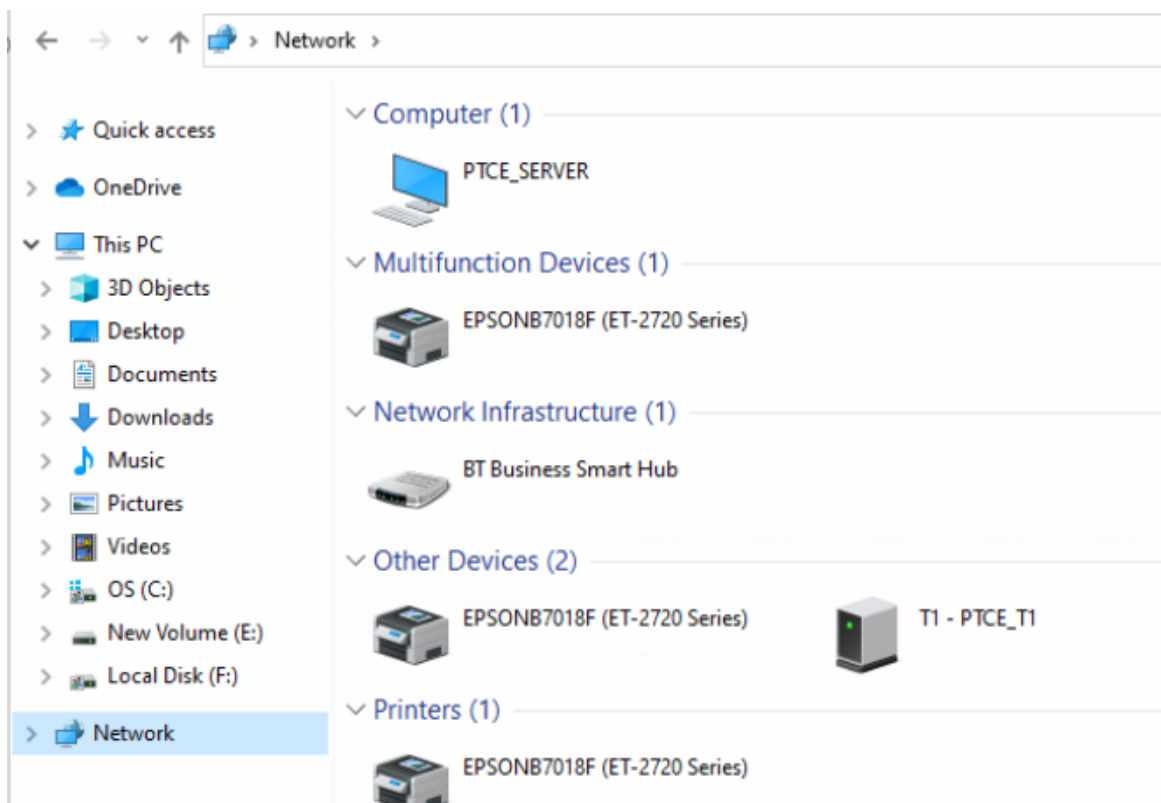
First Time Connection

In order to collect data and control the device you must know the IP address.

Unless you made a special request, the device is shipped with DHCP enabled and will automatically attempt to get assigned an IP address. If this request fails after 3 minutes it will default back to its static IP assignment, which is `192.168.100.20` with netmask `255.255.255.0` by default unless specified differently by the customer purchase order.

Once you know the IP address you can control the device through the built in web interface with your web browser or through the programmatic API using your own custom code.

1. Depending on if you are making a direct connection or utilizing your local network, use one of the following processes to make a connection to the device.
 - a. If using a router with DHCP, you can discover the device on your local network by using the Windows Explorer Network page. Make sure network discovery is turned on. You may need to press the refresh button if the device has been added very recently.

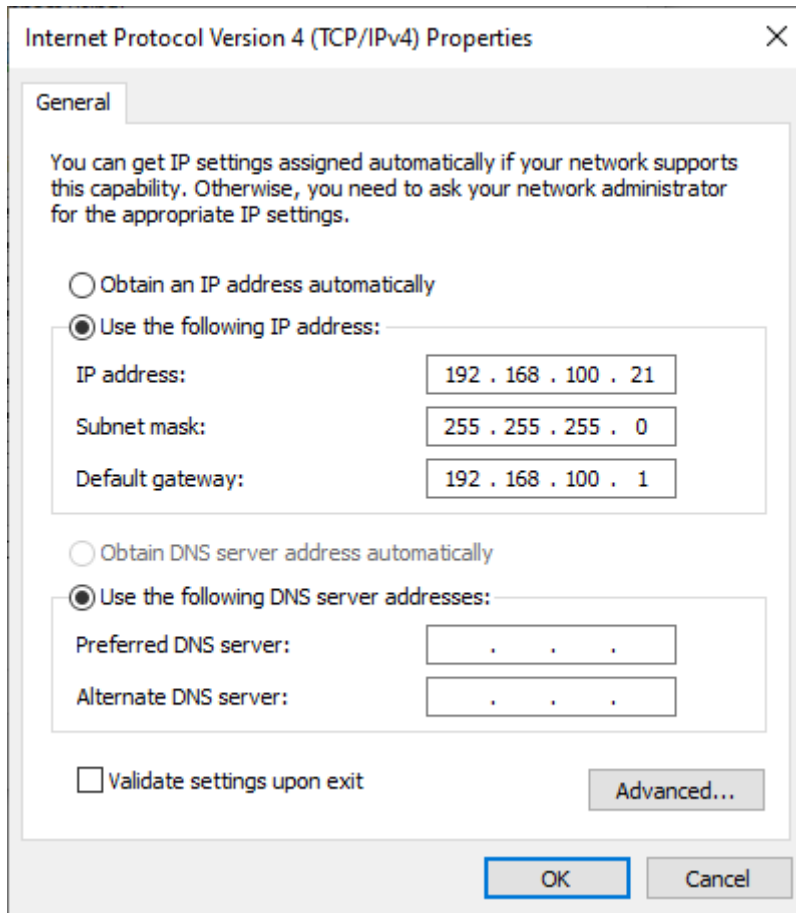


Pyramid devices are found under “Other Devices”. The device name is customizable.

Double clicking the icon will open a new page on your web browser with the device’s URL.

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- b. If you are making a direct connection to your computer you will need to force your computer's Ethernet adaptor settings to match the device settings.

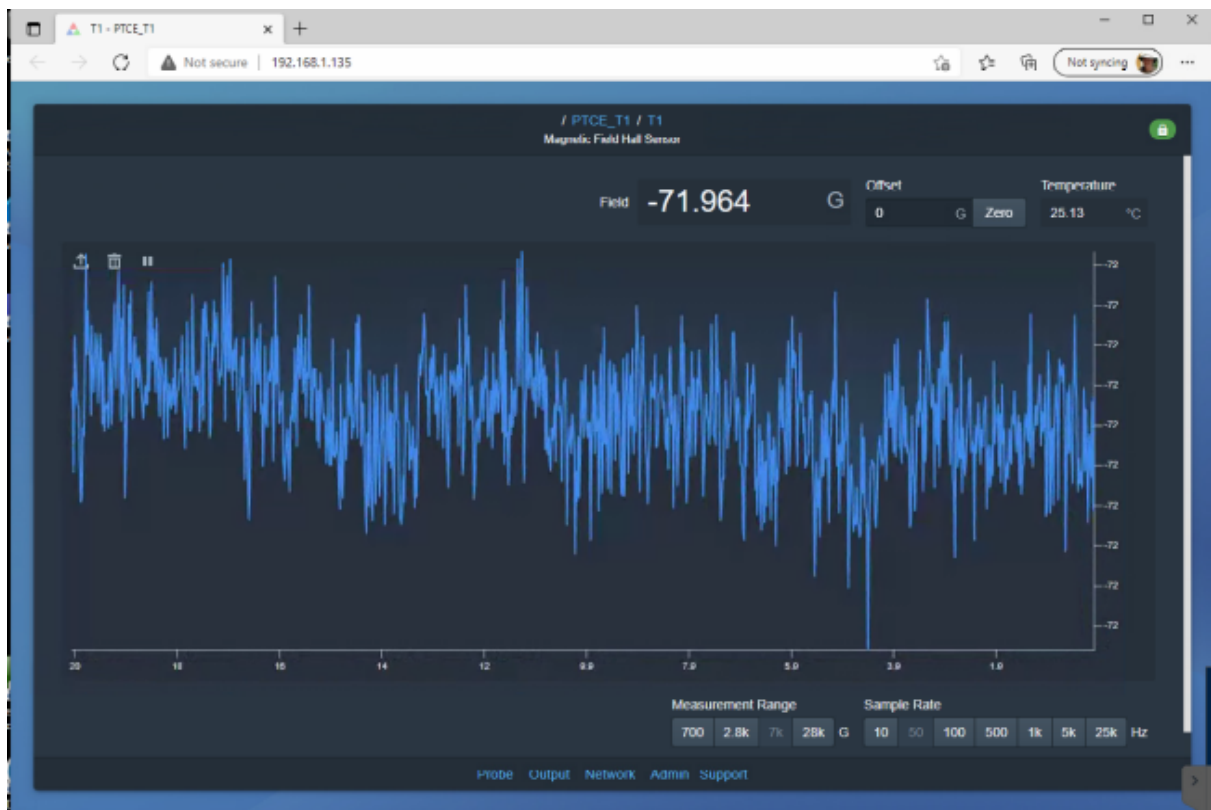


Windows Ethernet Adaptor Settings

Once you've set your computer to the right subnet. Type the device's static IP address directly into the address bar of a new tab on your web browser to open the web interface.

2. You should see a screen similar to the following image.

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Exact GUI appearance may vary.

3. Open the network settings by clicking the Network link at the bottom of the page. Configure the device the settings you would like to use in the future. All network settings are saved and used if the device reboots. Note: If you use a static IP setting, we recommend you also turn off DHCP so that the 3 minute timeout is avoided on reboots.
4. Explore the screen controls and read the User Guide and Programming Guide for more information.

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Getting Help

If you need help setting up, using, or programming your device please do not hesitate to use the Pyramid technical support system. Go to ptcusa.com/support¹ and open a new ticket or send an email to support@ptcusa.com². Be sure to tell us about your project and how you are utilizing the device so that we can advise you with confidence.

Further Reading

All the latest documents, firmware, and example code can be found on the T1 page at ptcusa.com

ptcusa.com/products/t1³

- T1 User Guide - An in depth guide to T1 and HP1 system.
- T1 Programmers Guide - Detailed description of the T1 API and real examples of how to do common tasks using Python.

¹ <https://ptcusa.com/support>

² <mailto:support@ptcusa.com>

³ <https://ptcusa.com/products/t1>