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## Connecting the 254-TXX Power Transducer to an Ethernet Network

### Default Configuration:

By default, the 254-TXX is configured with **DHCP enabled**. If your local area network (LAN) includes a DHCP server (typically a router), you can simply connect the 254-TXX to the network. It will automatically be assigned an IP address by the DHCP server.

### Setting a Static IP Address:

If your LAN does **not** have a DHCP server (i.e., you are using static IP addresses), follow these steps to assign a static IP to the 254-TXX:

#### 1. Temporary DHCP Setup:

- Connect the 254-TXX to a router that has DHCP enabled (most consumer routers support DHCP by default).
- Connect your PC or laptop to the same router.

#### 2. Find the Assigned IP Address:

- Log into the router's admin interface by entering its IP address into your web browser. (Login credentials are usually printed on the back or underside of the router.)
- Locate the list of connected devices. Look for an entry named **TE-254Txx**. Note the IP address assigned to it.

#### 3. Access the 254Txx Configuration Page:

- Enter the 254-TXX's IP address into your browser to access its web interface.
- Navigate to the **Network Configuration** page.
- Assign a suitable **static IP address** and **subnet mask** that matches your target LAN settings.

#### 4. Reconnect to Your LAN:

- After saving the new network settings, the 254-TXX may no longer be accessible on the temporary DHCP network.
- Disconnect it from the temporary router and connect it to your static IP LAN.
- You should now be able to communicate with the 254-TXX using the static IP address you assigned.

### Note:

The 254-TXX supports **ping**. This can be useful for verifying connectivity on your LAN.