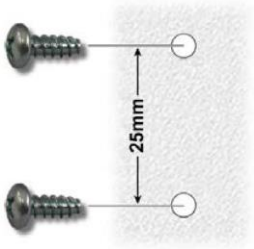
1. **Install the latest ICC Configuration Studio software**

   http://www.iccdesigns.com/icc-configuration-studio.html

2. **Create a configuration project using the ICC Configuration Studio and download the configuration to the ETH-1000 via the included USB cable**
   - Online Tutorial Videos are available in the ICC Configuration Studio's Help Menu.
   - The ETH-1000 User's Manual and protocol driver manuals are available in the ICC Configuration Studio's Help Menu. Additional ETH-1000 documentation, sample configurations, and other resources can be found on the ETH-1000 product page:

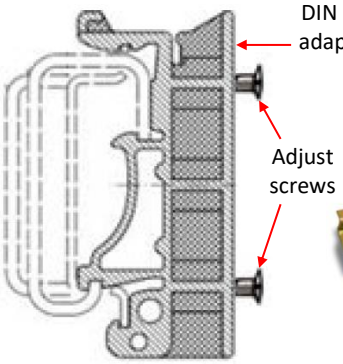
     http://www.iccdesigns.com/eth-1000.html

3. **Secure the ETH-1000 using one of the following mounting options**
   - Desktop – Apply the included four rubber feet and place on a level surface.
   - Panel/Wall – Drill two holes 25mm apart vertically. Set two screws into the holes and mount the ETH-1000 onto the screws.



Panel/Wall mount

   - DIN rail – Clip the included DIN rail adapter onto a 35mm or G-type rail. Mount the ETH-1000 onto the DIN rail adapter screws. Adjust the screw height if necessary.



Clip DIN rail adapter onto rail

Mount ETH-1000 onto DIN rail adapter

4. Connect an Ethernet cable from an Ethernet switch to the ETH-1000 Ethernet port

5. Connect the RS-485 wiring (for serial communication)

RS-485 terminals

Terminal	Network Connection
A	RS-485 Receive Positive (Non-Inverting) RXD+ Data Signal
B	RS-485 Receive Negative (Inverting) RXD- Data Signal
Y	RS-485 Transmit Positive (Non-Inverting) TXD+ Data Signal
Z	RS-485 Transmit Negative (Inverting) TXD- Data Signal
GND	RS-485 Common-Mode Reference 0V Ground
SHIELD / Chassis GND	Cable Shielding Daisy-Chain Point This screw has no internal connection

Note: 2-wire RS-485 requires a jumper between the A and Y terminals and a jumper between the B and Z terminals

6. Connect a power supply

- 7VDC to 24VDC – Connect only DC voltage to the POWER and GND terminals.

7VDC to 24VDC power terminals

- Power over Ethernet (PoE) – Ethernet port supports the IEEE 802.3af standard as a mode A or mode B powered device (PD). Requires a PoE power sourcing equipment such as a PoE endspan switch or midspan power injector.
- USB – Temporary connection to configure, troubleshoot, and optionally power the ETH-1000. USB cable may be connected while using any other power supply option, but should be removed under normal operation.

7. Installation is complete