

ETI Quick Guide

Grounding the ETI

This part of the setup is **crucial**, as sensors may start to deteriorate due to galvanic corrosion or experience loss of data if the ETI is not grounded.

- 1. Mount the wire on the ETI back panel
- 2. Replace one of the existing screws, or use the mounting slots if they are not used
- 3. The opposite end of the wire is then connected to the nearest ground junction installation

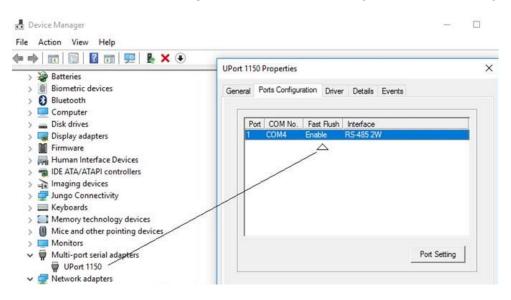


Note: This is only relevant for users who do not already have means to ground the ETI unit.

COM Setup

Note: This is only relevant for the ETI Recorder and ETI Recorder Plus.

- 1. Connect the ETI to the PC's USB port using the Moxa Uport 1150 adapter
- 2. Open the **Device Manager** and choose the settings shown in the image below:





3. Setup the COM in the ETISuite (ValSuite) software using the Tools → Communication settings

Communication Settings				x
TrackSense	e Reference Temperature Standard		ETI	
Please select	which COM	ports is used for ETI		
COM4				

- 4. Configure the **ETI** using the **ETI Hardware Settings** in the ETISuite (ValSuite) software
- 5. Click the ETI and 3 options will appear

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Info		
Setup		
Sessions		
Reload ET	Is	

Info

The Info selection contains information about the sensors and Main Unit.

Setup

The **Setup** menu contains four options: Relay Alarm Conditions, ETI Time, Sensor Properties and Main Unit Properties.

• Setup - Relay Alarm Conditions: Setup the conditions that will trigger the relay.

Relay Alarm Conditions				
Sensor Error				C
Main Error				[
Calibration Overdue				
Temperature Outside ETI Range				
Temperature Outside User Defined Limits	Min	0	Max	0
Pressure Outside User Defined Limits	Min	0	Max	0



• Setup - Main Unit Properties:

Setup the 2 display lines shown on the Main Unit.

Disable Battery Check		8
Display On The ETI	Hide	(and
Temperature Sensor ID	0 8	0
Factory Calibration Date		0
Factory Calibration Warning		0
User Calibration Date		0
User Calibration Warning		0.0
FTI Date And Time	0.0	

Sessions

- When applying power to an ETI, a session will automatically start recording data in the memory. Load existing sessions from the ETI memory into ETISuite (ValSuite)
- 2. Start the ETI Before exiting the session menu

Starting an ETI Session in the ETISuite (ValSuite) Software

- 1. Click File → New → ETI Session
- 2. Select the **ETI's** that need to be included in the session. Up to 8 ETI's can be selected
- 3. Click ETI → Start

Session Number	
Sample Rate	1
Sample Count	118
Start Time	01/01/0001 00:00:00
End Time	01/01/0001 00:01:58
Duration	00:01:58
Temperature Sensor ID	192338
Minimum Temperature	23.58
Maximum Temperature	23.77
Pressure Sensor ID	6
Minimum Pressure	6
Maximum Pressure	

Y File	ETI	Tools	Session Add	Windows
ETI 🖻		Hardw	are Settings	1
		Start		
V		Stop		