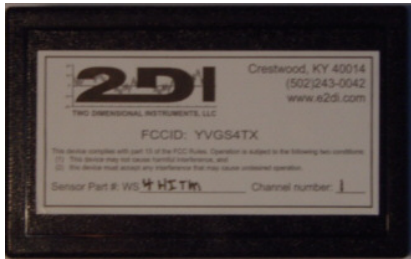


Quick Start for the ThermaViewer with Wireless Sensors

Your ThermaViewer can be installed and operating in minutes. Once you have unpacked all ThermaViewer components, follow the steps below:

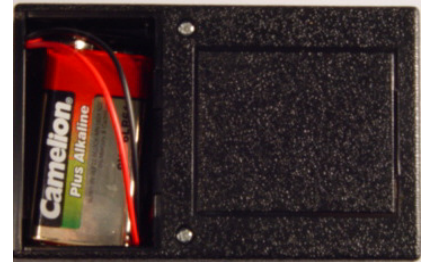
1. **Remove the protective film on the display.**
2. **Install the 9-volt lithium battery** in the sensors, if it is not already installed. Do not use the 9-volt Alkaline battery that goes in the display unit for the sensor.



Front of sensor

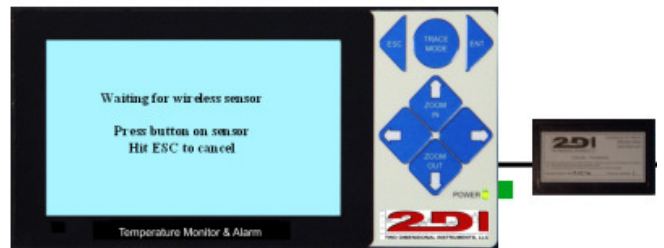


Back of sensor

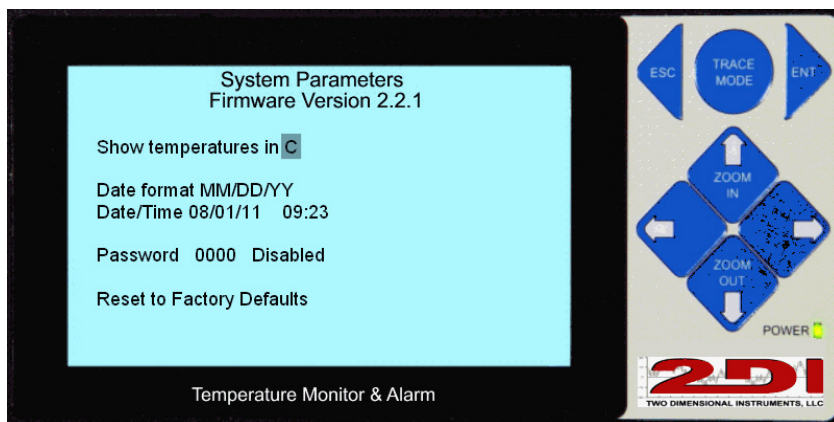


Back of sensor w battery door removed

3. **Attach the base station to the display with the short network cable.** It plugs into the socket right above the green relay.
- 4.

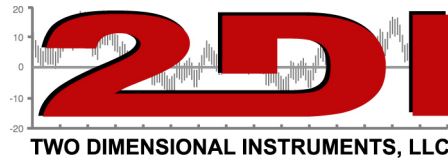


5. **Connect the power supply & install the 9-volt battery in the display module.** This provides backup power to the display in the event of a power failure.
6. **The System Parameter menu will be displayed.**

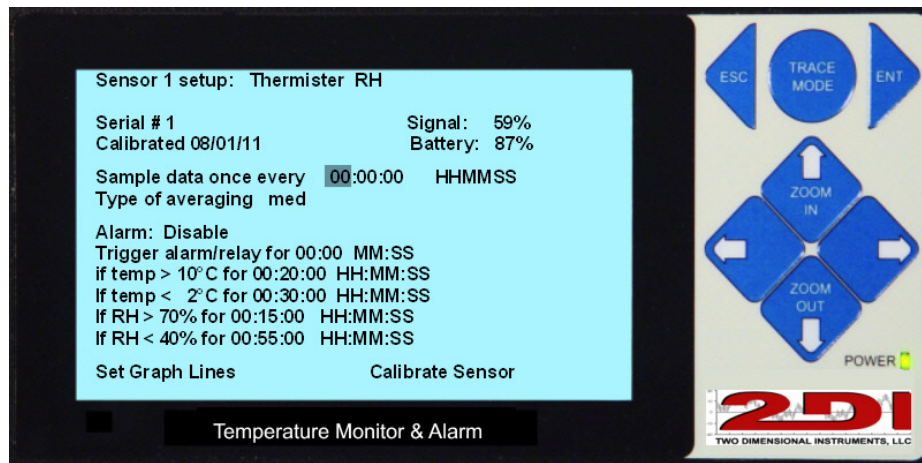


Power supply 120vac

7. **Select C° or F°** with the 'Up Arrow' or 'Down Arrow' key and press 'ENT'.
8. **Select the date format** (MM/DD/YY, DD/MM/YY or YY/MM/DD) and press 'ENT'.



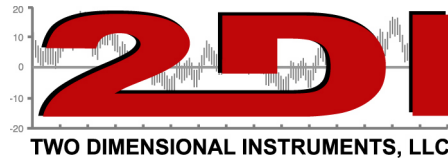
9. **Set the day, month, year, hour and minute** in the appropriate field using the **UP** and **DOWN** arrow keys. Move to the next field each time with the **'ENT'** key. (**Note:** It is possible to move to each field with the **'Right Arrow'** key but your changes will **not** be recorded properly).
10. Press the **'ESC'** key. You will be asked to verify that you want to erase all data. Use the **'Right Arrow'** key to highlight YES and press the **'ENT'** key.
11. Press the **'ESC'** key.
12. The Sensor Setup menu below will be displayed after a few seconds.



If instead of the Sensor setup menu you see the chart display you will need to link the sensors to the base station. (see page 4 below). Enter the sample data interval that you want and press the **'ENT'** key or if you want to accept the default values press the **'ESC'** key once to go to the display screen.

13. Setting up the Sensor:

- A. **Enter the sample interval.** (This is how often you want the ThermaViewer to take and store a temperature). Select a value between 1 min and 24 hrs or accept the default Press **'ENT'**.
- B. **Enter the type of averaging** and press **ENT**. There are three possible selections.
 - a. **Fast** – no averaging occurs. The exact measurement at the time of sampling will be stored and displayed. (Not normally used except during calibration)
 - b. **Medium**- some averaging will take place so that minor temperature fluctuations will be filtered out. (*This is the default value*).
 - c. **Slow** – additional averaging will occur. This will filter out temperature fluctuations. (Not normally used).
- C. **Set the alarm even if you do not want an alarm.** Setting the alarm also sets the display limits. The chart display will be set approximately 10% above and below the



alarm points. (If you do not like the display points you can change them by going to the “Set Chart Lines” menu at the bottom of the sensor setup menu.

- a. **You can manually set the display chart lines to override the automatic setting that occur when you set the alarm.** You should insure that the maximum and minimum display lines are set wide enough apart that all temperatures will fall between them. Any temperatures that are outside your setting will appear as a straight line at the top or bottom of the display.

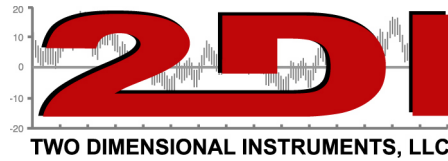
D. You do not need to enter the Calibration Menu at this time. For calibration procedures see the document entitled ‘Calibration Procedures’ which is on the CD which came with your system. It can also be downloaded from our website: <http://www.e2di.com/PDFs/Calibration%20Procedures.pdf>

E. Press ‘ESC’ to return to the display screen.

14. Gently **pull out the thin plastic strip** at the upper left side of the display unit. ***Do not do this until this point.***

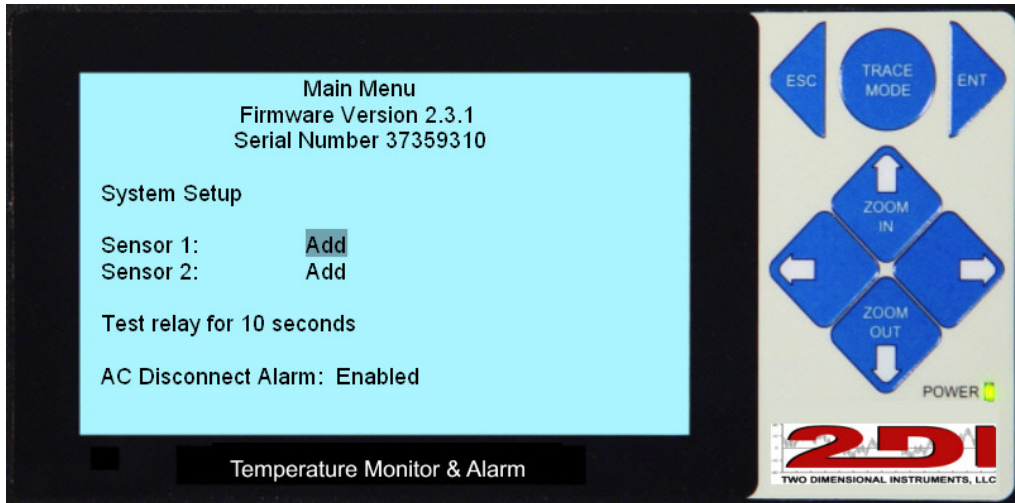


Operational Tip: *If the wall power is interrupted, the green power light on the front of the ThermaViewer will dim so that only a faint glow is evident, the missing AC alarm will begin beeping (if set) and the display will sleep after 20 seconds. Once wall power is restored, the green power light will be fully illuminated and the display will ‘wake-up’.*

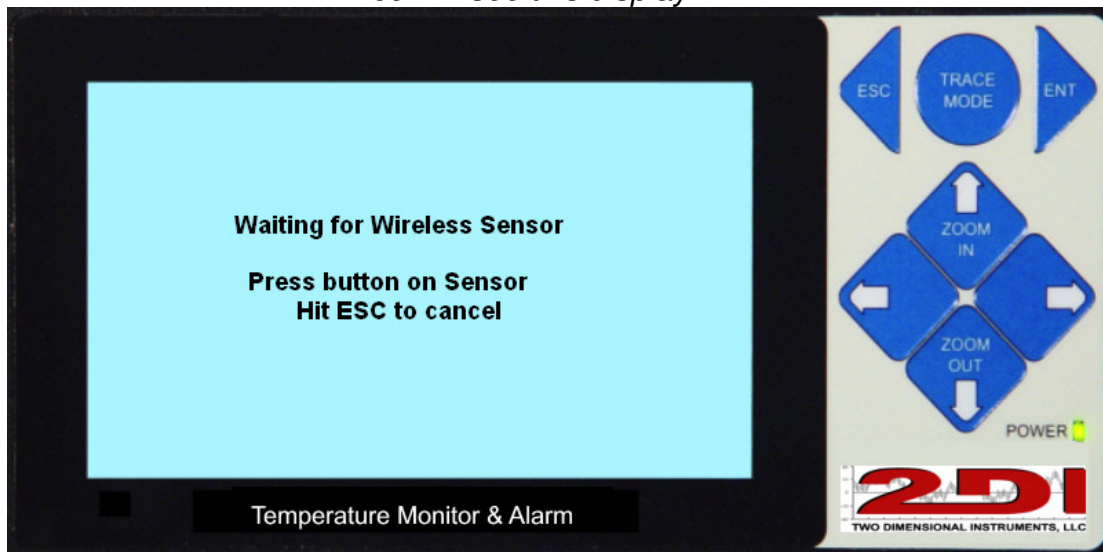


Optional: Linking the sensors. If the sensors are not already linked to the base station (see 11 above) you will need to do so using the procedure below:

1. Go to the Main Menu by pressing the 'ENT' key
2. Highlight 'Add' next to Sensor 1 and press the 'ENT' key.



You will see this display:



Verify that the sensor has a battery installed and briefly press the button on the sensor with a paperclip. The red light should glow briefly and the display should change to the sensor setup menu as shown on page 5. The sensor is now linked.

