Ambient Temp Sensor (ETLW)

Visit the online store page

Model: ETLW

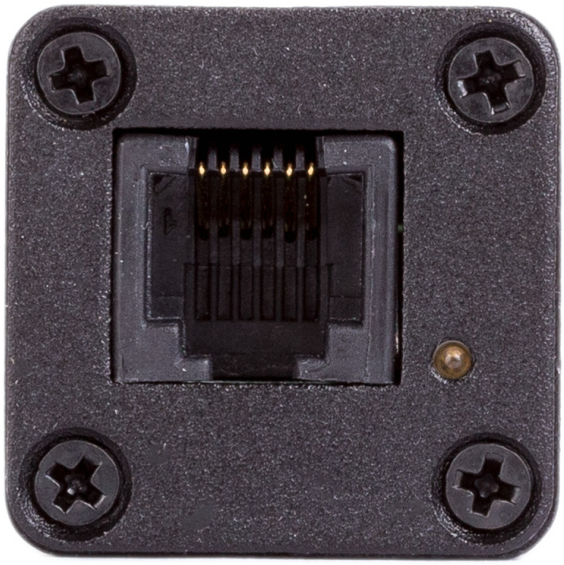
> Requires the **eGauge Sensor Hub** and eGauge model EG4xxx (Pro or Core), not compatible with older model units.

> Only use straight-through RJ-11 cables to connect powered sensors to the Sensor Hub. Telephone systems generally use "reverse" style RJ-11 cables which are incompatible with the Sensor Hub. See **this article** for more information on verifying the correct RJ-11 wiring. Every Sensor Hub compatible sensor sold by eGauge Systems comes with a straight-through RJ-11 cable.

The eGauge Ambient Temperature Sensor (ETLW) is used in conjunction with the Sensor Hub and an EG4xxx model meter (Core or Pro) to record temperature data from systems such as HVAC systems, cold storage, data centers and other controlled environments. For fluid temperature monitoring, see the Temperature Probe Sensor (ETN100).

See our Sensors product introduction video here.

Side view of ETLW



Back-side of ETLW with RJ-11 port and CTid locator LED

Specifications

Full specs (data-sheet PDF)

CAD file (STEP format)

- CTid Enabled (w/ auto-configure and locator LED)
- -30°C to 120°C (-22°F to 248°F)
- Accuracy:
  - ± 1 °C at 0 -- 70 °C
  - ± 2 °C at -40 -- 150 °C
- Humidity range: Up to 80%
- Extruded aluminum Case
- 26 x 26 x 40 (mm), 1.02 x 1.02 x 1.57 (in.)
- 7' RJ-11 cable for Sensor to SensorHub
- 47 CFR Part 15, Subpart B – Unintentional Radiators, Class B for Home or Commercial use
- US Patent # 10560763
- 2-year limited warranty

Hardware included

- 1x eGauge Ambient Temperature Sensor
- 1x 3-pin input plug
- 1x 7’ RJ-11 cable for connection to Sensor Hub

Assembly/installation information

> It is not advisable to extend the RJ11 leads from the Sensor to Sensor Hub. It is acceptable to use a longer RJ45 cable from the *Sensor Hub* to the *eGauge*.
>
> If RJ11 cable between *Sensor* and *Sensor Hub* must be extended, it is advisable to use twisted pair wires, such as a CAT5 cable with RJ11 plugs (most commonly used for DSL modems).
>
> If terminating own cables, both RJ11 and RJ45 cables should be straight-through cables, with the same color order on both ends.

1. Install the sensors and Sensor Hub
2. Configure the sensors

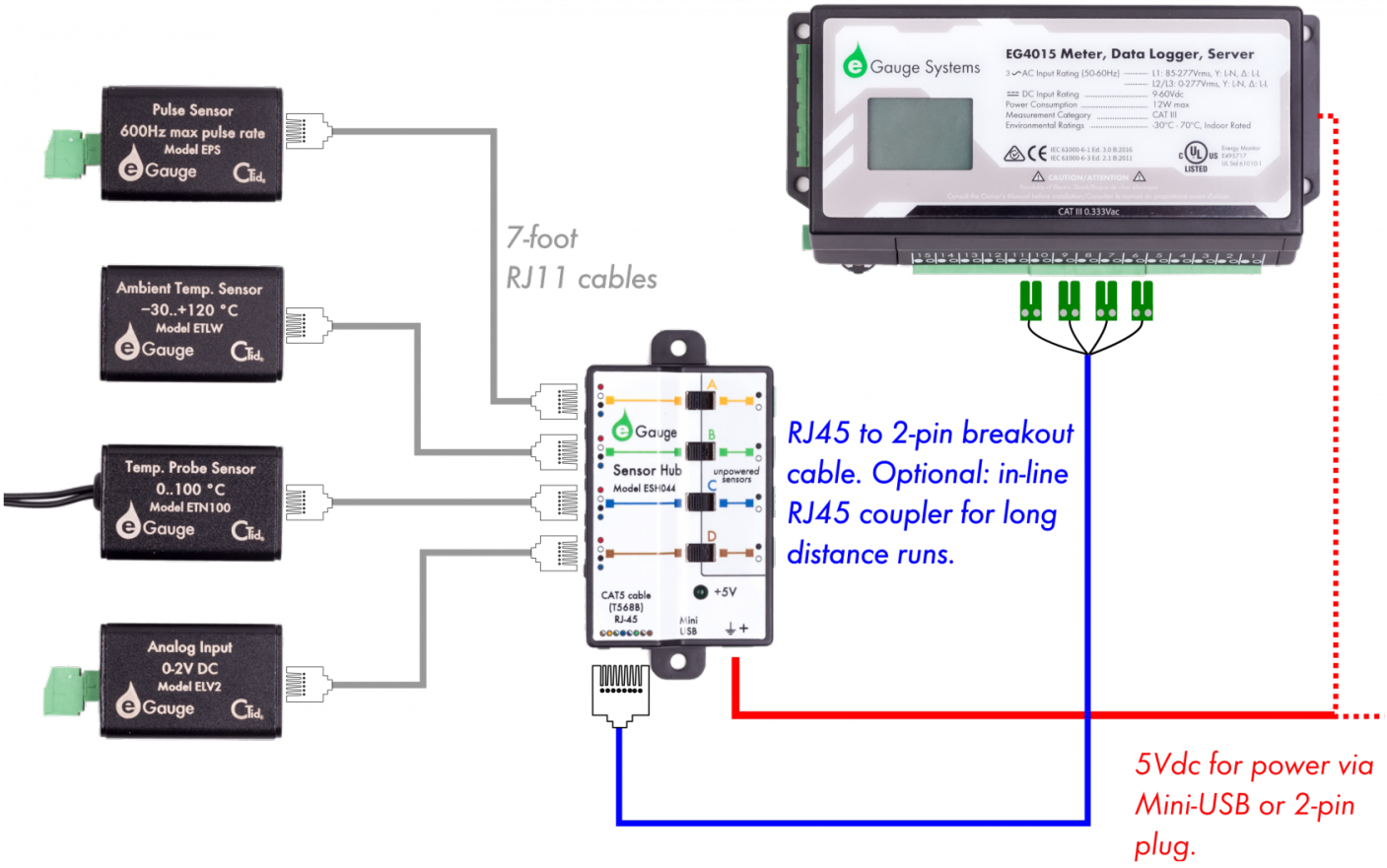
Documents

- Spec Sheet
- FCC Declaration
- CAD file (STEP format)

Related Information

- Sensor Hub Product Page
- Configuring CTid Sensors

Diagrams



Please visit kb.egauge.net for the most up-to-date documentation.