



Temperature & Humidity Sensor Installation Manual

+1 (650) 600-0008 | www.TruckX.com

Thank You for Choosing TruckX!

Thank you for choosing TruckX as your Telematics & Fleet Management Partner. We're excited to be part of your fleet's success.

Please read this manual carefully to ensure the correct installation of the Temperature & Humidity Sensor. If you have any questions or need assistance at any point, reach out to our Customer Support Team anytime at [\(650\) 600-0008](tel:6506000008) or Support@TruckX.com.

You can check our installation video if necessary. [Click here](#)

This manual is periodically updated to enhance performance and may change without prior notice.

Thank you again for your trust in TruckX!



Index

- ① Packaging List
- ② Explanation of LED Indicators
- ③ Product Installation Notes
- ④ Product Specifications/Features
- ⑤ Check Connection
- ⑥ Product Installation
- ⑦ Adding a Temperature and Humidity Sensor
to the FMS

Packaging List

- ① Temperature and Humidity Sensor
- ② Screws
- ③ Double Sided Mounting Tap



Explanation of LED Indicators

Temperature and Humidity Sensor LED (Status Indicator)

- Blinking: Device powered ON and active
- Not Blinking: Device OFF



Product Installation Notes

- Mount the sensor in the middle area of the trailer, at least 1 foot below the ceiling
- Ensure the QR code on the sensor is facing away from the wall during installation



Product Specifications/Features

- Bluetooth: 5.0
- Battery: Replaceable CR2477 (1000mAh)
- Battery Life: Upto 8 Years
- Transmission Range: Up to 300m (Open Field)
- Sensor Connectivity: Wireless sensor sync
- Dimension: 69.75mm * 52.6mm * 19.8mm
- Weight : 35g (Battery Include)
- Installation: Under minutes
- Operating Environment: 30°C ~ +60°C (-22°F ~ 140°F)
- Operating Temperature: -40°C ~ +85°C (-40°F ~ 185°F)
- Temperature Accuracy (0-60°C) : ±0.2°C (Long-term drift
Typ. <0.02 °C/y)
- Humidity Accuracy (10%-90%): ±2%RH (Long-term Drift
Typ. <0.25 %RH/Y)
- Power Output: +4 dBm

Check Connection

Power-On Confirmation

Ensure the Temperature & Humidity Sensor is powered on. Check if the red LED is blinking. If there is no LED activity, open the sensor and verify that the battery protection tape has been removed and the battery is properly installed.

Device Connection Check

Confirm the device status shows “Connected” in the Fleet Management System (FMS). If the status shows “Pending” or “Error,” ensure the sensor is added correctly and assigned to the appropriate trailer or vehicle.

Bluetooth Connectivity Check

Ensure a compatible TruckX device (such as an Asset Tracker) is nearby. The sensor uses Bluetooth, so both devices must remain within range for proper communication.

Temperature & Humidity Reading Validation

Verify that the temperature and humidity readings are updating correctly in the Fleet Mobile App or Web Portal. If the readings are not updating properly, check the sensor placement and confirm the device connection is active.

Product Installation

Step 1:

- Pull out the yellow battery protection sticker completely from the sensor.
- Twist the sensor cover counterclockwise to open the casing.
- Remove the internal battery insulation tape and ensure the battery is properly seated.
- Align the cover properly and twist clockwise until the sensor is securely closed.
- If activated properly, the red LED light will start blinking.

Step 2:

- Choose and clean the mounting location inside the trailer or vehicle.
- Remove the adhesive backing from the sensor.
- Firmly press and mount the sensor onto the surface, ensuring it is securely attached.



Adding a Door Sensor to the FMS

1. Begin by logging into the TruckX Fleet Management System (FMS) for seamless access.
2. Navigate to the “**Devices**” section.
3. Within the “**Devices**” section, select “**Sensor**”
4. Click the “**Add Device**” button.
5. In the pop-up window, enter the following details:
 - a. Device Name
 - b. Device Type
 - c. Device ID (IMEI)
 - d. Assign to (Truck or Trailer)
6. Click “**Confirm**”
7. The Wired Asset tracker has now been successfully added to the account.



All-In-One Fleet Management Platform

