Securitas Healthcare

Mounting and Connecting

Connecting the Power Adapter and Sensors

<u>IMPORTANT!</u>

- Batteries are recommended as a backup if external power is used.

- <u>Do not</u> connect two USB-C power adapters to the tag at the same time.

- It is highly recommended to use an approved Securitas power supply with the TAG (*SKU: ADP-1500-U, ADP-1500-E*). If a different power supply is used, ensure to connect the power cable to the power outlet <u>first</u> and then to the T15e Tag's USB-C port.

  <u>NOTE</u>: The AC/DC adaptor must be safety approved according to IEC/EN/UL 60950-1 with a rated voltage of 5Vdc and rated current up to 3A maximum.

- The T15e Tag is not designed to be powered using a PC's USB outlet. If a PC's USB outlet is used, the Contact Sensor icon on the tag will always show as "closed", regardless of the actual state of the Contact Sensor.

- T15e Tags are compatible with USB 2.0 cables. Using USB 3.0 cables may result in inconsistent behavior of the tag.

- <u>Do not</u> connect two USB-C temperature probes to the tag at the same time. This will cause incorrect temperature values.

- <u>Do not</u> connect two USB-C contact sensors to the tag at the same time. This will cause incorrect alert triggering.

- The T15e Tag is only able to monitor Normally Open (NO) contacts.

- Make sure the plugs are tightened to the tag.

The T15e Tag has 3 USB-C ports and each cable has a USB-C connector with a tightening screw:

There is no specific port for each connector. **The Power, Temperature probe and Contact Sensor cables can be plugged into any port**.

Plug a connector into any port and tighten the tightening screw. The tag will automatically pick up the source that is connected.

Mounting the Tag

 IMPORTANT

The tag must be mounted no higher than 2 meters from the ground.

The tag comes with a mounting cradle and double-sided tape for easy mounting. Additionally, Velcro and screws can be used (not supplied).

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Mounting with Double-Sided Tape

Place double-sided tape in each square on the mounting cradle and mount the cradle accordingly. See _Mounting the Tag and Temperature Probe._

Placing the Tag in the Cradle

Place the tag at an angle into the mounting cradle and make sure it clicks in place:

Click!

Removing the Tag from the Cradle

Push the mounting cradle's clip up and remove the tag:

Mounting the Tag and Temperature Probe

The 3-meter Temperature Probe cable has been designed with a 1-meter Teflon flat section. The flat section enables the cable to be easily fed through a fridge's or freezer's door seal and helps prevent wear and tear to the cable.

2 Meter Regular cable

1 Meter Flat **section**
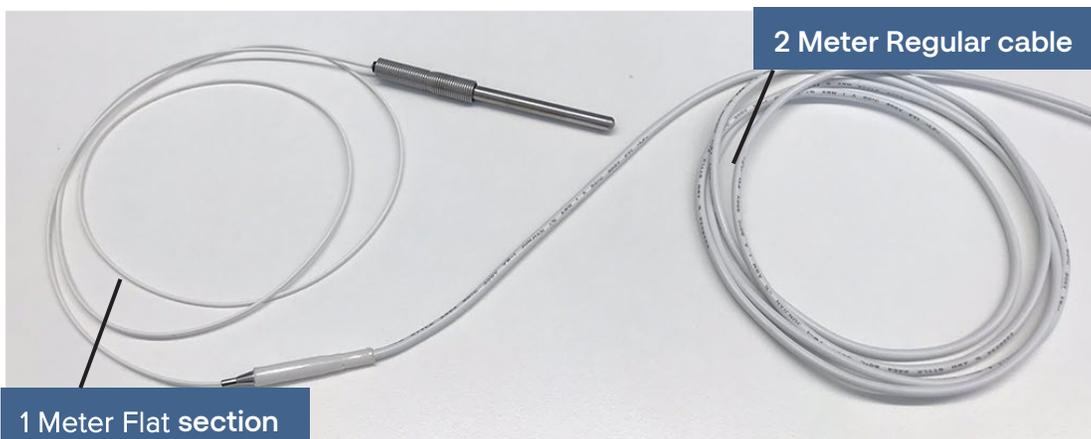
1. Mount the tag on the outside of the unit or in another location close to the unit.

2. Feed the Probe part of the cable (flat section) through the fridge or freezer door seal.

3. Immerse the Probe slowly into the plastic glycol vial's cap, by turning it until the Probe's spring makes contact with the vial's cap. Fill the vial with Propylene Glycol after the probe is inserted.

   NOTE: To measure temperature as low as -50°C, it is recommended to fill the vial with Glycol. When measuring temperatures down to -80°C, it is recommended to use Ethanol.

NOTE: The vial can be used only in temperatures as low as -80°C. In temperatures lower than - 80°C the sensor should be used without the vial.
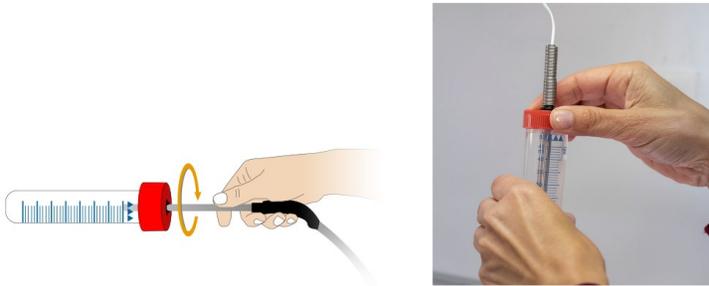
4. Mount the vial in the fridge or freezer accordingly. The vial can be mounted with Velcro, tie-wraps, double-sided tape, or the supplied tube holder.
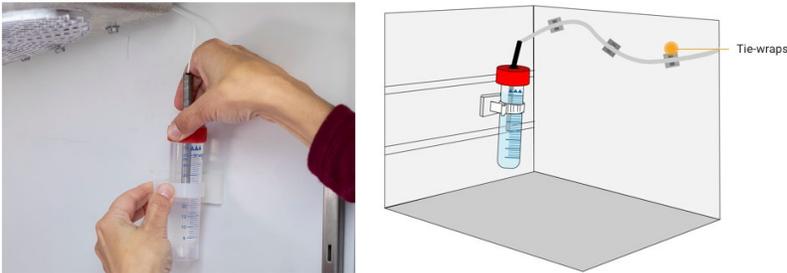
5. Use the supplied cable tie mounts to attach the cable to the surface, to prevent it from becoming loose or being moved.

Installing the Contact Sensor

The supplied 3m Contact Sensor can be used to monitor the opening and closing of the monitored fridge or freezer door.

Install the Contact Sensor accordingly. **NOTE:** The placement of the Contact Sensor will vary.

Contact Sensor Mounted on top

Contact Sensor Mounted at the side