

**PRINT INSTRUCTIONS:**

REFERENCE SHEET FOR VS-TLT1xx-345, P/N 77-60066-001 REV 1.0 |

**INK:** BLACK | **MATERIAL:** 20 LB MEAD BOND | **SIZE:** 5.50" X 8.50" SCALE 1:1 |

**FOLDS:** TRI-FOLD VERTICAL, TRI-FOLD HORIZONTAL (TO FIT IN BOX)

# Vivint Tilt Sensor

(VS-TLT1xx-345)

## Quick Reference



4931 N 300 W Provo, UT 84604

The Vivint Tilt Sensor is a convenient home security device that can be added to an integrated Vivint Smart Home system. Installed on garage doors (or other locations such as a pet door or mailbox lid), the tilt sensor monitors and reports open and closed states. The sensor transmits a 345 MHz signal to the control panel/hub when it is tilted to more than 45 degrees, and a restore signal when it is returned to less than 45 degrees. The Vivint Tilt Sensor is an indoor use only device



The tilt sensor also features a cover tamper switch for additional security, as well as a low battery alert to let the homeowner know when the battery needs to be replaced.

You can add the tilt sensor to the system either from the panel/hub or via the app.

### Installation Instructions

Installing the tilt sensor is quick and easy. The sensor can be installed by a Vivint Field Service Pro (FSP)/technician or by the homeowner (DIY). For additional information, refer to the *Field Service Pros* website.

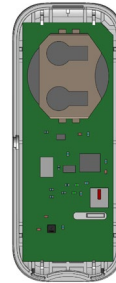
**To install the tilt sensor, follow these steps:**

1. Activate the sensor by removing the battery pull tab insulator.
2. If installing on a garage door, secure the sensor to the *top* of the top panel of the door, arrow pointing up, using the adhesive strips.
3. If installing on another object such as a pet door, secure the sensor wherever it is most convenient with the arrow pointing up.

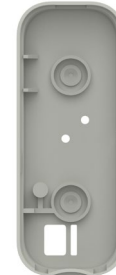
**NOTE:** Avoid installing in areas with excessive moisture.

4. To pair (add) the sensor to the system: First, at the panel/hub home screen, tap the menu icon (...) in the bottom right corner > tap **Devices > Add new device >** and then tap **Tilt Sensor**. Next, tap Wi-Fi Connect, and wait for the panel/hub to find the sensor and finish its setup. Once configured, the tilt sensor will appear in the security devices list.
5. Verify that the tilt sensor has been successfully added to the system and is functioning properly by opening and closing the garage door, or other object where it's installed, in order to make sure the correct signal is being transmitted.

### Cover/Sensor (open) —



### Back/Mount (open) —



### Technical / Hardware Specifications

<b>Vivint Part Number (P/N)</b>	VS-TLT1xx-345
<b>Model Number (M/N)</b>	TL01
<b>Wireless Signal Range</b>	350 ft. (106.7 m), open air
<b>Battery</b>	Panasonic CR2032 (or equivalent lithium batt.)
<b>Battery Life</b>	3-5 years (normal usage)
<b>Transmitter Frequency</b>	345 MHz
<b>Code Outputs</b>	Open, Close, Tamper, Low Batt., Loss of Supervision
<b>Supervisory Interval</b>	70 minutes per signal (12 hours for panel/hub to report supervision failure)
<b>Temperature Range</b>	32° to 120°F (0° to 49°C)
<b>Relative Humidity</b>	5-95% Non-Condensing

### Standards Certifications & Listings

<b>UL 634</b>	Standard for Connectors and Switches for Use with Burglar-Alarm Systems
<b>FCC ID:</b>	2AAAS-TL01

\*For complete regulatory compliance information, go to: [vivint.com/legal/fcc](http://vivint.com/legal/fcc)



## Battery Installation

To replace the battery, insert a coin into the top slot and gently twist until the cover releases. Use only the recommended replacement batteries (see the *Specifications*).

**WARNING!** The polarity of the battery must be observed (as shown in the image). Improper handling of lithium batteries may result in heat generation, explosion, or fire, which may lead to personal injury. Replace only with the same or equivalent battery type as recommended by the manufacturer.

Batteries must not be recharged, disassembled or disposed of in fire. Disposal of used batteries must be made in accordance with the waste recovery and recycling regulations in your area. Keep away from small children. If batteries are swallowed, promptly see a doctor.

**California Only:** Perchlorate material special handling may apply. For more information, visit: [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)

## Warning: California Proposition 65

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to: <https://www.P65Warnings.ca.gov>

## Wireless Product Notice

Wireless communications hardware provides reliable communication; however, there are limitations which must be observed.

- The transmitters are required to comply with all applicable wireless rules and regulations. As such, they have limited transmitter power and limited range.
- Wireless signals may be blocked by radio signals that occur on or near their operating frequencies.

## FCC Regulatory Compliance Declarations\*

**CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference; and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC (U.S.) Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.9 in) between the radiator and your body