



Tive Temperature Beacon (TT-6000)

The TT-6000 is a wireless temperature monitor designed for all applications requiring package-level temperature monitoring. The TT-6000 works together with the Tive Tracking solution to offer full real-time visibility of temperature and location. The device is easy to use and can be mounted to most surfaces for a wide range of applications. The device is fully IATA approved for use on all airlines.



Figure 1 - Tive Sensor Tag (TT-6000)

Power On: Press the CHECK button for 3-5 seconds and the blue light should turn on.

Power Status: Press the CHECK button. The Status light(s) will blink if the Beacon is On.

When the device is ON, the TT-6000 will broadcast the temperature reading every 3.3 sec using the Bluetooth advertisement channels (Ch 37, Ch 38, Ch 39) using a standard Non-Connectable Advertisement packet (ADV_NONCONN_IND). The device will continue broadcasting until the battery is too low.



Specifications

Dimensions	66.5 mm x 56 mm x 6.7 mm
Weight	25 g (0.9 oz)
Case Material	UL 94-V0 flame retardant plastic
Waterproof Level	IP67
Power Source	Lithium Metal battery, 1350 mAh capacity, 0.3 g
Temperature Accuracy	±0.5°C (-20°C to 60°C) and ±1.0°C (-40°C to -20°C)
Operating Range	-40°C to 60°C
Battery Life	3 years
Wireless Protocol	Bluetooth v4.2
Transmit Power	+8 dBm, FPC Antenna
Wireless Range	100 m (line of sight)
Certifications & Approvals	CE, FCC, UN38.3
Mounting Options	3M adhesive (included)

FCC Statement

1. 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE:

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.