

DECT ULE TMP

DECT ULE Temperature Detector

The DECT ULE TMP is a **Do-It-Yourself** fully supervised low-current Temperature detector. The DECT ULE TMP is part of the DECT ULE wireless line of devices embedding an advanced DECT ULE RF transceiver. Temperature sensor on one side and a cable with suitable connector on the other side allow the detection of temperature in two locations using a single device. The DECT ULE TMP uses smart message control verifying all messages are successfully transmitted to the base station.

FEATURES

- DECT ULE RF protocol.
- Low current Technology.
- Do-It-Yourself Friendly Pairing and Installation processes.
- SW Update Over The Air.
- Keep Alive transmission.
- Battery status check on every transmission.
- Bi-Color LED indications for monitoring & Pairing.
- Remotely configurable.
- Temperature reporting transmissions.



SPECIFICATION

Modulation Type	DECT Standard
Frequency Band	All DECT Bands
Event Transmission	Alarm, Tamper, Low Bat, Keep Alive
Detection Method	Two Temperature sensors – Internal & External (optional).
Range	500 meters (Open Space)
Battery	Lithium. 3V Type: CR123A, Size: 2/3A
Battery life expectancy	Up to 4 years on regular use
Current Consumptions	Standby: 4µA, Average: 19µA
Transmit power	Tx Power at +22dBm, typical and Rx Sensitivity at -97dBm, typical
Tamper Switch	Front Cover Removal & Back Tamper
LED Indicators	Red LED: ON during alarm Green LED: Pair Status
Operating Temperature	-10°C – +50°C (14°F– 122°F)
Internal Sensor Monitoring Temperatures	-10°C – +50°C (14°F– 122°F), Tolerance ±1°C
External Sensor Monitoring Temperatures	-40°C – +80°C (-22°F– 176°F), Tolerance ±1°C, in +55°C - 80°C ±2°C
Dimensions	97mm x 22mm x 21mm
Weight (incl. battery)	56gr
Part Numbers	0067195 – CR-DU-TMP-EURO 0067196 – CR-DU-TMP-USA 0067197 – CR-DU-TMP-JAPAN
Compliance	CE, FCC Part 15, IC, ETL & ULE