



High-Precision Temperature

This cutting-edge, battery-powered Wirepas tag is designed to provide precise and reliable temperature readings across a range of critical industries.

EverTag T Mesh combines the advanced Wirepas smart tracking possibilities with a high-accuracy temperature sensor. An essential tool for industries that require strict temperature monitoring; either in stationary locations or during transport.

- **High-Precision Temperature Sensor:** Measures temperature with +/- 0.1°C accuracy and a resolution of 0.01°C. Prepared for 5-point calibration*
- **High Ingress Protection and:** Replaceable batteries with dust and water resistance, well suited for sterile and clean environments.
- **Tampering Detection:** Alerts for unauthorized access.
- **Power Efficiency:** Low power consumption extends battery life.
- **Easy Installation** Setup via NFC and Wirepas API for quick deployment.
- **Nordicsemi nRF52840:** High-end chipset for superior network performance, range up to 200m in anchor mode.
- **Customizable:** Custom logos, colors, and firmware with a resistant overlay.

Applications:

EverTag-T's high-precision temperature monitoring can safeguard critical applications in [healthcare](#) (pharmaceuticals, vaccines), [food safety](#) (storage, transport), [manufacturing](#) (sensitive products), [logistics/warehousing](#) (climate-controlled environments) and [cold chain](#) monitoring (perishable goods).

Uninterrupted Peace of Mind: Pair EverTag-T with a gateway and UPS for an enhanced monitoring system. This combination ensures continuous alerts, even during power outages, keeping your critical assets secure.

Sounds interesting? Learn more at cargobeacon.com



FEAUTRES - article 230	010	012	013	014
Outdoor and indoor use	•	•	•	•
Temperature	•	•	•	•
Utilization data	•	•	•	•
Replaceable batteries	•	•	•	•
Up to +10 years battery life	•	•	•	•
LED and button support	•	•	•	•
±0.1°C temp. accuracy		•		
Oxygen sensor			•	
Edge AI - Accelerometer				•

Join the asset tracking revolution!

Never before has it been so easy to track important assets indoors, outdoors and across premises indoors and outdoors. Wirepas mesh is an industrial IoT infrastructure that is **deployed in no-time**. This infrastructure lets you use tags to track and monitor tools and equipment inside and outside your premises. **5m accuracy**, every **5 minutes** without maintenance for more than **5 years**.

Additionally, we offer sophisticated mobile apps for both **iOS** and **Android**, Supporting NFC and BLE deployment for seamless and efficient setup and management.

Solution overview

MESH LOCATION



A system consists of a mesh gateway and a number of tags - either configured as anchors or asset tags. Anchors are attached to walls and automatically forms an industrial mesh network. Asset tags regularly use the mesh network to automatically provide its location. Perfect for **large scale** asset tracking in industrial yards and **facilities**.

PROXIMITY LOCATION



The tag is configured to also advertise its presence using BLE-beaconing. This makes the tag readable also for stationary gateways, mobile gateways and smartphone apps. Perfect complement for **low-latency notifications** and **global tracking** outside the mesh-network.

Technical specifications

GENERAL

Battery Life	2 pcs replaceable Lithium coin cell CR2477. 8 years battery life (typical operating conditions)
Material	Polypropylene (White, standard)
Operating Environment	-20 to +70 °C, IP68
Approvals	CE, FCC, IC, CMIT, MIC, KC
Mounting	Permanent mount with Screw, lash or tape. Semi-permanent with tag holder in plastics or metal.

ACCELEROMETER AND GYROSCOPE

Acceleration range	±16g
Resolution	0.192G

HUMAN INTERFACE

Push button	For alert notifications and first power-up
LED	Red

WIRELESS-INTERFACE

2.4GHZ	Wirepas mesh v5.3 +8dBm output power
NFC	ISO/IEC 14443A
CHIP	Nordic nRF52840 1024kB flash/256kb RAM

TEMPERATURE SENSOR

Resolution	0.01°C
Accuracy	±0.1°C from -20°C to +50°C

DIMENSIONS

Width:	65mm
Height:	15mm
Depth:	40mm



© CargoBeacon AB. All rights reserved. The information herein is supplied without guarantees and can be changed without prior notification. Bluetooth is a trademark of Bluetooth SIG.

General information and sales:
Phone: +46 271-808284
Email: sales@cargobeacon.com
Web: cargobeacon.com

Visiting address:
Norra Ösavägen 11 A
822 40 Alfta
Sweden