



CARGO BEACON

EverTag Mini Mesh

Wirepas mesh tag

The rugged EverTag series tracks and monitor your assets in harsh conditions – year after year.

Rugged, easily installed and maintained. With half the size of its bigger brother “EverTag Mesh” it is the perfect device for a industrial asset tracking applications.

- High ingress protection with long lasting, replaceable battery.
- Easy to attach on various assets such as helmets, tools and utilities.
- Utilization data– understand exactly when your assets have been utilized/moving.
- Local data storage saves battery and ensures data integrity is kept – even upon power outages.
- Configuration over NFC and Wirepas remote API for quick pilots and simple large-scale deployments.
- Based on Nordicsemi high-end nRF52833. 128kb RAM and +8dBm output power. Best support for large scale networks in industrial environments with higher penetration through steel doors and walls.
- Customizable with your logo, colour and firmware features.



FEAUTRES - article 231	010
Outdoor and indoor use	•
Temperature	•
Utilization data	•
Replaceable battery	•
LED support	•
Wirepas Mesh connectivity	•
±0.1°C temperature accuracy	
BLE connectivity	

Applications: Asset management and tracking applications - indoors and outdoors. Monitoring of utilization. Asset tracking and monitoring.

Sounds interesting? Learn more at cargobeacon.com

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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**.

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



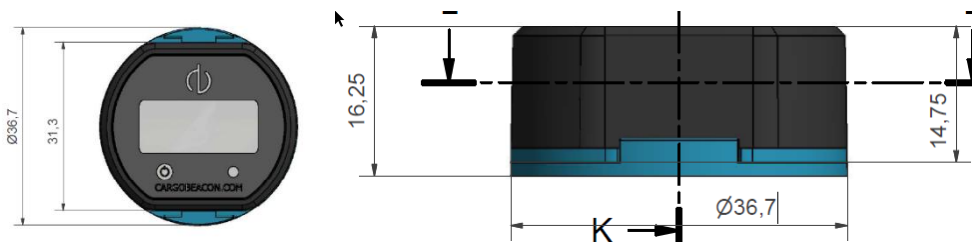
The tag is configured to also advertise its presence using BLE-beaconing. This makes the tag readable also for stationary gateways, mobile gateways and smartphone apps. Perfect complement for **low-latency notifications** and **global tracking** outside the mesh-network.

Technical specifications

GENERAL		WIRELESS-INTERFACE	
Article number	231 010	2.4GHZ	Wirepas mesh v5.2 +8dBm output power
Battery	1 pcs replaceable Lithium coin cell CR2477. 4-5 years battery life (typical operating conditions)	NFC	ISO/IEC 14443A
Material	Polypropylene	CHIP	Nordic nRF52833 512kB flash/128kb RAM
Operating Environment	-20 to +70 °C, IP68	TEMPERATURE SENSOR	
Approvals	CE, FCC, IC, CMIT, MIC, KC	Accuracy	±1.5 °C
Mounting	Semi-permanent with tag holder or double adhesive tape.	Resolution	0.5 °C
SHOCK SENSOR		DIMENSIONS	
Acceleration range	±16g	Diameter:	Top 36mm. Bottom plate 45mm.
Resolution	0.192g	Height:	14.5 mm
HUMAN INTERFACE			
LED	Red		



Dimensions



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