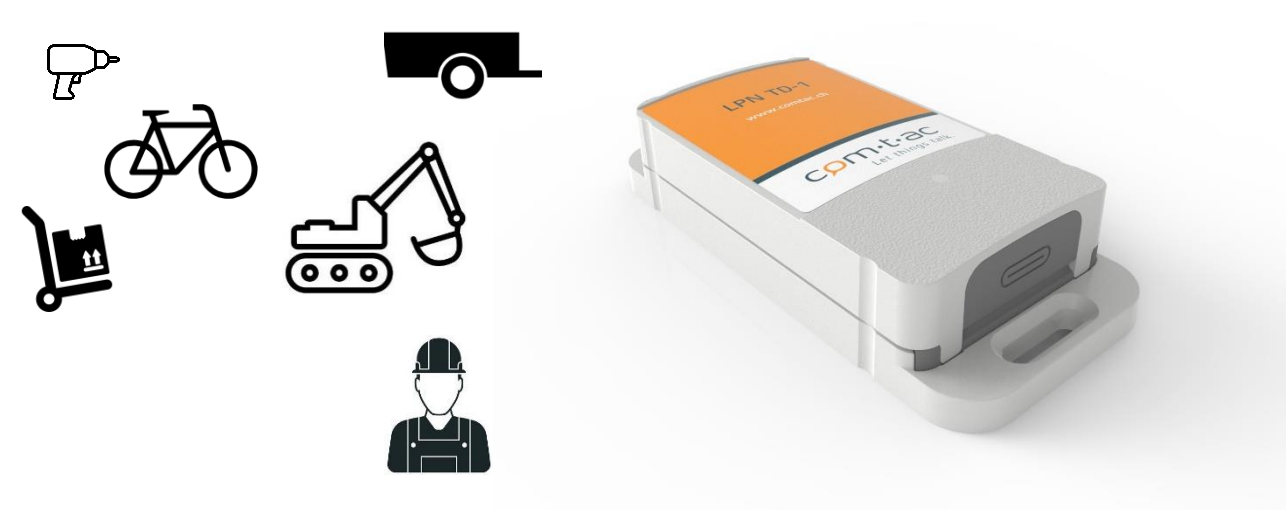


LPN TD-1 GPS/WiFi Localization with LoRaWAN®

Indoor / Outdoor Localization on demand



Possible applications

Would you like to find your 'things' quickly and easily?

Applicable for devices, machines, tools, vehicles or people.

The device is small, handy and can be attached in different ways.

The key to the longest possible battery life lies in localization on demand. This reduces communication to the bare minimum and extends the battery lifetime considerably.

Functions

A position determination can be started from your application. It can be distinguished whether the position should be determined via GPS, WiFi or a combination.

The response time of the feedback can be adapted to your application.

Thanks to the integrated RES management (reduced energy system), one battery charge is enough for an operating time up to 1.5 years (depending on the settings).

The monitored charging takes place via USB-C connector from a standard power supply or from a power bank. Inductive charging is optional.

Sensors and functions	
GPS	Position determination
WiFi	Position determination, sends the detected Mac addresses of the WiFi networks via LoRaWAN®
Status-LED	Shows the states and actions of the device

Technical specifications			
Dimension	113/91 x 52 x 25 mm	Configuration	OTA
Weight	85 g	Operating mode	Class A, ADR Off, unconfirmed
Protection class	IP67	accumulator life	6 -18 month (depending on the settings)
Connectivity	LoRaWAN 1.0.3, EU 868MHz	Connection charging	USB-C
Installation	OTAA	Certification	CE, RoHS II, LoRa Alliance Certified, Swisscom IoT Qualified

Available from Q3-2020

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and the whole comtac team is happy to help you.

