

# Active Track Box



With the Track Box, you can provide tracking and timing with the same transponder. Track Boxes placed along the course or on race vehicles receive pings from all tracking-enabled transponders within a 50 m radius and transmit the data live online.

You can then use this data to produce live tracking visualisation, and to publish an unprecedented amount of timing data. Have you ever dreamt of covering an extreme triathlon with 30 splits and a 3 persons crew? Now you can!

## Track Box features:

- Receive track pings from active transponders in a 50 m radius
- Upload GPS tracking data live online
- Up to 5 days battery life
- Built-in magnets for easy mounting
- Practical stack charging



### Safety & conditions Track Box

Protection class	IP64 -water resistant-
Safety standards	EN60950
Regulatory conformity	CE, RoHS, FCC
Temperature	-20°C to 70°C
Dimensions / weight	165 x 102 x 32mm / 400g

### Connectivity

Internal GPS	Qualcomm gpsOne Gen8 with GLONASS
Internal 4G	29-band 4G/LTE/3G/2G Module for worldwide coverage Standard SIM-Card

### Battery

Battery type	LiPo, 4,000 mAh, 3.7 V
Charge current	230mA at 15V (full in 5h) 150mA at 12V (full in 10h)
Battery life	Moving: 1 day Stationary: 3-5 days

### 2.4 GHz RF specification

Transponder 2.4GHz channel frequencies (worldwide compliance)	1: 2.480 MHz	5: 2.415 MHz
	2: 2.405 MHz	6: 2.460 MHz
	3: 2.425 MHz	7: 2.435 MHz
	4: 2.475 MHz	8: 2.450 MHz
2.4 GHz TX Power	3,5 dBm	
Internal Data Buffer	10,000 tracking records	
Read Range	50 m - 150 m	

### 10 Track Boxes Pack

Content	Foam-padded suitcase with shoulder strap 10 Track Boxes Track Box charge adapter 15 V AC adapter with universal power inlet Mains power lead
Dimensions / weight	390 x 300 x 135mm / 5.5kg

