



# TRACK BOX ACTIVE

With the Track Box, you can provide tracking and timing with the same active 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 splits.

## Features

- Receive track pings from active transponders in a 50m 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<br>-water resistant- |
| Temperature         | -20°C to 70°C             |
| Dimensions / weight | 165 x 102 x 32 mm / 400 g |

### Connectivity

|              |                                                |
|--------------|------------------------------------------------|
| Internal GPS | Qualcomm gpsOne Gen8 with GLONASS              |
| Internal 3G  | 7 band 3G + quadband GPRS<br>Standard SIM-Card |

### Battery

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

### 2.4GHz RF Specification

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

### 10 Track Boxes Pack

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

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