

# Eliko RTLS Tag

## Technical Specifications

Starting from firmware version 3.1 and hardware version 5.9

The slim battery-powered tag can be attached to any object that needs tracking. It is a compact device that can last more than 5 months on one charge depending on the use case. It can be worn using a lanyard, wristband or in a sleeve, custom attachment solutions are available upon request.

Dimensions	63x42x13 mm (LxWxH)
Weight	30 g
Add-ons	Lanyard, Wirstband
Operational range	Up to 70 m (Ch 4), Up to 50m (Ch 5)
Interface	USB 2.0 full speed (12 Mbit/s) for data transmission through the Micro-B USB connector
Battery	450 mAh 3.7 V LiPo
Charging	Fully compliant USB charger through Micro-B USB connector. It is possible to also use 5 V DC adapters with 0.5 A current capability.
Battery life <sup>1</sup>	<div>When positioning 24/7: <div><div></div><div>20 Hz update rate – 41 h</div></div><div><div></div><div>10 Hz update rate – 3,5 days</div></div><div><div></div><div>5 Hz update rate – 7 days</div></div><div><div></div><div>1 Hz update rate – 4 weeks</div></div><div><div></div><div>Once per 5 sec – 13 weeks (~3 months)</div></div><div><div></div><div>Once per 10 sec –16 weeks (~4 months)</div></div><div><div></div><div>Once per minute – 23 weeks (~5+ months)</div></div></div>
Charging time	<div><div><div></div><div>1,5 h</div><div>100 %</div></div><div><div></div><div>1 h</div><div>80 %</div></div><div><div></div><div>30 min</div><div>40 %</div></div></div>
Operating temperature	-10 ... +50 °C
Charging temperature	0 ... +45 °C
IP Class	IP54 and IP67
Sensors	Accelerometer
Feedback	RGB LED

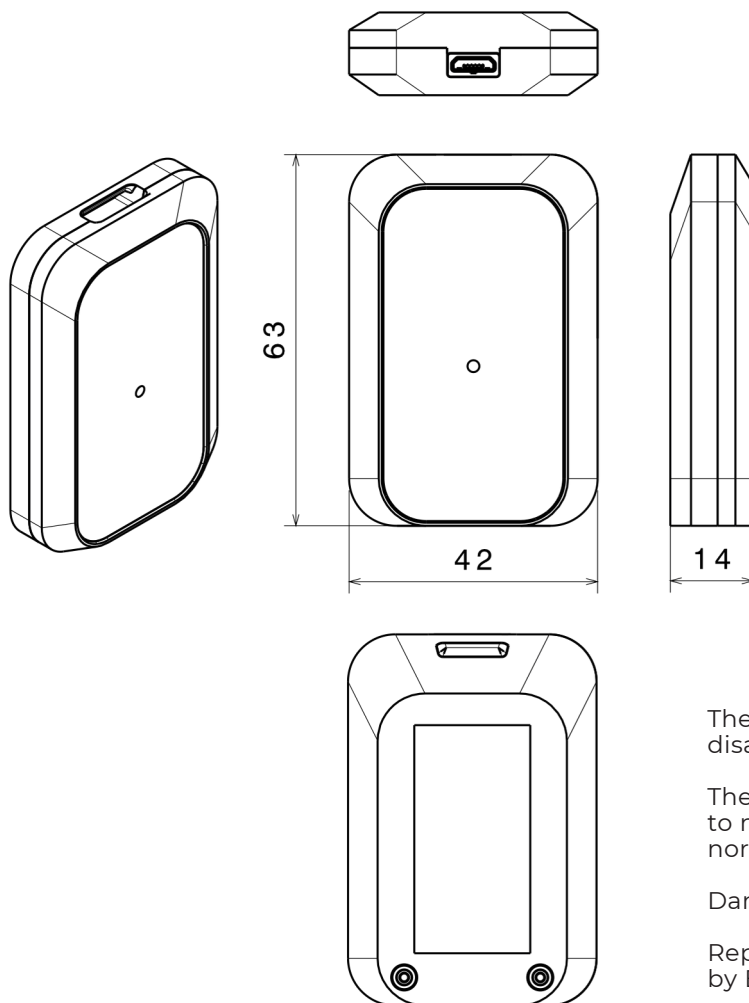
Document date: 20.02.2025.  
This document is subject to change without notice.

**eliko**

Eliko Location  
Technologies OÜ  
Aiandi 13,  
12918, Tallinn, Estonia  
Phone: +372 6599 881  
E-mail: info@eliko.tech



<sup>1</sup> Based on operating in  
ambient temperature +20 °C



The device must not be opened and/or disassembled.

The device is not intended to be subject to mechanical shocks as part of its normal operation

Damaged devices must not be used.

Repair and maintenance must be done by Eliko personnel exclusively.