KIIO RTLS Tag
Technical Specifications
Starting from firmware version 2.0 and hardware version 5.0

The slim battery-powered tag is placed on any object that needs tracking. It is a compact device that can last up to half a year on one charge depending on the use case. It can be worn using a lanyard or in a sleeve, custom mounting solutions are available upon request.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>63x42x13 mm (LxWxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>30 g</td>
</tr>
<tr>
<td>Add-ons</td>
<td>Lanyard mounting possibility</td>
</tr>
<tr>
<td>Operational range</td>
<td>Up to 70 m</td>
</tr>
<tr>
<td>Interface</td>
<td>USB 2.0 full speed (12 Mbit/s) for data transmission through the Micro-B USB connector</td>
</tr>
<tr>
<td>Battery</td>
<td>450 mAh 3.7 V LiPo</td>
</tr>
<tr>
<td>Charging</td>
<td>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.</td>
</tr>
</tbody>
</table>

Battery life:
- Constant positioning rate:
  - 40 Hz update rate – 18 h
  - 10 Hz update rate – 72 h
  - 5 Hz update rate – 6 days
  - 1 Hz update rate – 4 weeks
  - Once per 5 seconds – 3 months
  - Once per 10 seconds – 4 months
  - Once per minute – 6 months

Charging time:
- 1.5 h
- 1 h
- 30 min

Operating temperature: -10…+60 °C
Charging temperature: 0…+45 °C
IP Class: IP54 (Contact Eliko for IP57 availability)
Sensors: Accelerometer
Feedback: RGB LED

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This document is subject to change without notice.
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hanging loop

function button

LED indicator

charging port

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