

KIO RTLS Tag

Technical Specifications

The slim battery-powered tag is placed on any object that needs tracking. It is a compact device that can last up to a year on one charge depending on the use case. It can be fixed using zip-ties or screws or worn using a lanyard or in a sleeve. Tags can be custom designed according to the client's specifications.

Dimensions	63x42x13 mm (LxWxH)
Weight	30 g
Add-ons	Clip-on for screw or zip tie mounting, lanyard mounting possibility
Operational range	Up to 50 m
Interface	USB 2.0 full speed (12 Mbit/s) for data transmission through the Micro-B USB connector
Battery	450 mAh 3.7V 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 ¹	<p>10 Hz update rate – 3 workdays / 24 h</p> <p>4 Hz update rate – 8 workdays / 65 h</p> <p>1 Hz update rate – 25 workdays / 200 h</p> <p>Once per minute – 100 workdays / 800 h</p>
Charging time	<p>1,5h 100%</p> <p>1h 80%</p> <p>30min 40%</p>
Operating temperature	-10...+60 °C
Charging temperature	0...+45 °C
Sensors	Accelerometer
Feedback	RGB LED, piezo buzzer or vibration motor capability
IP Class	IP52



¹ Based on operating in ambient temperature +20 °C

The specifications are subject to change without notice.



