

# EYE BEACON

BLUETOOTH® ID BEACON - BTSID1



WATERPROOF



LONG RANGE



10 YEARS BATTERY LIFE



## LONG LIFETIME

600 mAh capacity, 10+ years battery life

## WATERPROOF

IP67 protection casing with handy two mounting points

## MOBILE APP

Easy to use mobile app for configuration, data scanning and updating

## RANGE

Up to 80 metres connectivity range via Bluetooth® wireless technology

Wireless solutions open up new horizons for your business and help to keep an eye on your assets. Discover our certified Bluetooth® Low Energy ID beacon model from Teltonika with robust waterproof casing and a long-lifetime battery. The model designed for a low-cost fast and easy configuration and integration to save precious time, resources, and ensure accountability.

Perfect for traceability use cases, delivery tracking, monitoring of various movable objects in logistics (trailers, containers), agriculture (tractor attachments), and constructions (tools and inventory). Also, it suitable for indoor tracking solutions for items tracking in warehouses, hospitals, transport hubs and other types of industrial areas. EYE beacon supports iBeacon and Eddystone protocols. The device is fully compatible with the Teltonika firmware platform which provides extended functionality. Configure, scan, and update anytime anywhere with a dedicated Teltonika mobile app.



**Functionalities**

Beacon ID, LED, Magnet detection\*, Hibernate

\* Only new revision hardware

**Dimensions and weight**

Dimensions	56,6 mm x 38 mm x 13 mm
Weight	18 g

**Battery and power**

Model	CR2450
Type	Lithium, Manganese Dioxide (Li/MnO2)
Total Capacity	600 mAh
Replaceable	No
Battery life (Tx=2 dBm; interval: 3 s)	4+ years
Battery life (Tx=2 dBm; interval: 5 s)	8+ years (Default)
Battery life (Tx=2 dBm; interval: 10 s)	10+ years

**Electronic**

Microcontroller	ST Microelectronics BlueNRG-2
Quartz Crystals	32.768 kHz, 16 MHz
Bluetooth operating frequency	2.402 - 2.480 GHz
Bluetooth antenna gain (peak)	1.2dBi

**Connectivity**

Bluetooth®	Bluetooth® 4.2 compliant, Bluetooth® 5.2 certified
Range	80 m
Available transmission power levels	Up to 8 dBm
Sensitivity	-88 dBm

**Casing**

Protection	IP67
Mounting	Two holes to screw/leash/strip, tape
Customization	Custom logo upon request*

\* Special conditions

**Environmental Requirements**


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Humidity (non-condensing)	From 0% to 100%
Operational temperature	-20°C / +60°C (-4°F / +140°F)

**Protocols compatibility**


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iBeacon	Yes
Eddystone	Yes
Teltonika	Yes*

\*Battery level and magnetic field detection status

**Certificates**


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CE RED (EU)	Yes
FCC (USA)	Yes
UKCA (UK)	Yes
RoHS	Yes
E-mark	Yes
EAC	Yes
ANATEL	Yes
REACH (EU)	Yes
SIRIM QAS	Yes
SDPPI POSTEL	Yes
TELEC	Yes
IP rating	Yes