

# EYE BEACON

BLE ID BEACON - BTSID1



## 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 solutions open up new horizons for your business and help to keep an eye on your assets. Discover our brand-new and 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

### Dimensions and weight

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

### Battery an power

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

### Electronic

Microcontroller	ST Microelectronics BlueNRG-2
Quartz Crystals	32.768 kHz, 16 MHz
Bluetooth antenna frequency	2.4 - 2.475 GHz
Bluetooth antenna gain (peak)	1.58dBi

### 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

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

\* Special conditions

### Environmental Requirements

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

\* Possible to have -40°C / + 85°C (-40°F / +185°F)

### Certificates

CE RED (EU)	Yes
FCC (USA)	Yes
UKCA (UK)	Yes
RoHS	Yes
E-mark	Yes
EAC	TBD
ANATEL	TBD

### Accuracy

±1.8 (typ.) @30-70% RH ±2 (typ.) @0-30% RH and @70-100%

±3.5 (max.) @30-70% RH ±4 (max.) @0-30% RH and @70-100%

±0.2 (typ.) @0-60°C ±0.4 (typ.) @-20-0°C

±0.4 (max.) @0-60°C ±0.7 (max) @-20-0°C

### Measuring range

Relative humidity measuring range 0 – 100 %RH

Temperature measuring range -20 to +60°C

\*Possible to have -40°C / + 85°C (-40°F / +185°F)