

OVERVIEW



Image is for representative purposes only, actual may differ

The PINIX line is a series of advanced Bluetooth Low Energy 5.x devices using multi standard beacon technology. The PINIX TOP-5 is a BLE AoA Tag which is specially conceived for advanced business solutions using location based and asset tracking based applications. It features an ultra-low power consumption chipset Nordic nRF52 series. PINIX TOK-5 has key-chain hole can easily attached to other objects and uses commercially available replaceable button cell to power itself.

The PINIX TOP-5 comes with a downloadable SDK with an extensive library for easy integration into a wide range of location based and indoor navigation-based applications. It also includes a wide range tool facilitating optimal setup & installation.

BLUETOOTH RADIO

Type:
Bluetooth Low energy 5.1 (AoA)

Advertisement:

- iBeacon
- Eddystone (UID & TLM)
- sBeacon (Sentrax Proprietary)

Advertisement Interval:
100ms to 10seconds

Frequency:
2.4GHz

Transmit Power:
+4dBm, Adjustable

Antenna Type:
Chip antenna, Omni Directional

BATTERY

Battery type:
CP224147 x 1, 800mAh, non-replaceable

Battery Life:

(Advertisement Rate)	(Battery Life)
500ms	9 Months
1000ms	11 Months

SENSORS AND INTERFACES

Motion sensing	3 Axis Accelerometer
Temperature	Internal Temperature Sensor
Button	1 user interact-able button
LED	1 Red LED

CERTIFICATIONS

CE**, FCC**

ENCLOSURE

Material:	Color:	Weight:
ABS+PC	White	~20g

Dimensions:
84 mm (L) x 54 mm (W) x 4.8 mm (H)

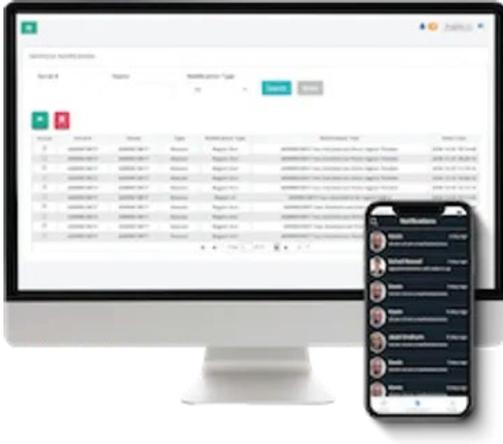
Protection Class:
IP67

OPERATING ENVIRONMENT

Temperature Range	-30°C to 65°C
Operating Humidity	90%

1. Enhanced version has life increase between 4 to 12 months based on advertisement rate.
2. **Pending

SENTRAX DEVICE MANAGER (SDM)



With the Sentrax Device Manager (SDM) application you can scan for nearby configurable PINIX beacons, display their battery status, view their settings and make modifications to those settings. Configuration of beacons are password protected with a four (4) digit user defined PIN.

As an added safety feature, the beacons can only be configured within a period of 15 minutes after installing the batteries or can be manually triggered into configuration mode by pressing the reset button on the Tag. However, this time duration can be increased through the settings to up to 3 weeks or more.

APPLICATION AREAS

- Indoor localization
- Indoor navigation
- Location based services
- Asset & logistics tracking

CAUTION



- Risk of explosion if battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions
- Glue should be used to close the enclosure if opened by use

RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

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