sentrax

OVERVIEW

The PINIX line is a series of advanced Bluetooth Low Energy 5.x beacon devices using multi-standard beacon technology. The PINIX TEN-2 is specially conceived for advanced business solutions using location-based and indoor navigation-based applications. It features an ultra-low power consumption and long battery life. The PINIX TEN-2 can be easily mounted on various surfaces and uses a commercially available replaceable large-capacity battery.

The PINIX TEN-2 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 of tools facilitating optimal set-up and installation.

BLUETOOTH RADIO

Type:
Bluetooth Low Energy 5.x

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

Advertisement Interval:
100ms to 10.2seconds

Frequency:
2.4GHz

Transmit Power:
+4dBm to-20 dBm

Antenna Type:
PCB antenna, Omni Directional

BATTERY

Battery type:
ER14505 x 2, 4800mAh, Replaceable

Battery Life:

(Advertisement Rate)	(Battery Life[1])
500ms	7 years 5 months
1000ms	8 years 8 months

SENSORS AND INTERFACES

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

CERTIFICATIONS

CE**, FCC**

ENCLOSURE

Material:	Color:	Weight:
ABS	White	72g

Dimensions:
70.95 mm (Dia) x 26.20 mm (H)

Accessories:
Double-sided tape, Mounting Screw

Protection Class:
IP54

OPERATING ENVIRONMENT

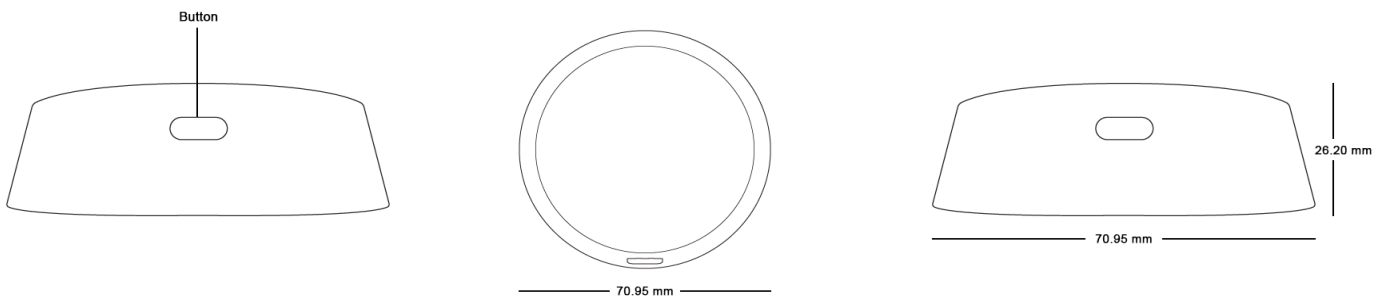|	
Temperature Range	-20°C to 70°C
Operating Humidity	90%

Bluetooth SMART

SENTRAX DEVICE MANAGER

The Sentrax Device Manager (SDM) app allows you to manage PINIX beacons. You can discover nearby beacons, check their battery levels, view their current settings, and modify them with a protected 4-digit settable PIN.

For security, beacons can only be configured within 15 minutes of a new battery installation or by manually activating configuration mode. Using advanced settings, the configuration window can be extended to up to three weeks.

MECHANICAL DRAWINGS

Button

26.20 mm

70.95 mm

70.95 mm

APPLICATION AREAS

- Indoor localization
- Indoor navigation-based
- services
- Asset positioning

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 the European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

CONNECT WITH US

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