

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 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 tool facilitating optimal setup and installation.

BLUETOOTH RADIO

Type:
Bluetooth Low energy 5.0

- 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)
200ms	4 years 3 months
500ms	7 years 2 months
1000ms	9 years 3 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)

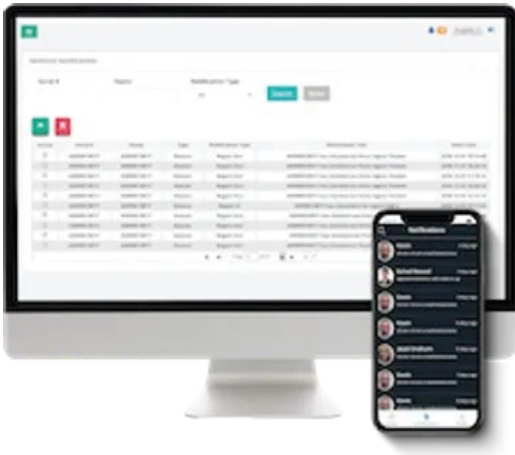
Accessories:
Double sided tape, Mounting Screw

Protection Class:
IP54

OPERATING ENVIRONMENT

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

SENTRAX DEVICE MANAGER



With the Sentrax Device Manager (SDM) 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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