OVERVIEW

The **PINIX TEP-1** is a part of our advanced PINIX line of Bluetooth Low Energy 5.x beacon devices, it utilizes multi-standard beacon technology for superior performance. It is a tamper-proof wearable bracelet with an optional SoS button for immediate assistance in critical situations and is designed for unparalleled safety and independence in high-security medical environments, such as hospitals and nursing homes.

Designed for ease of use, the **PINIX TEP-1** comes with comprehensive tools for seamless setup, installation, and health checks, ensuring optimal performance and user confidence.

BLUETOOTH RADIO

Type:
Bluetooth Low energy 5.0

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

Advertisement Interval:
100ms to 1s

Frequency:
2.4GHz

Transmit Power:
+4 dBm to-12 dBm

Antenna Type:
PCB antenna, Omni Directional

BATTERY

Battery type:
CR2032 ×1, 220mAh, Non-replaceable

Battery Life:

(Advertisement Rate)	(Battery Life2)
1000ms	13 months
500ms	7.5 months

SENSORS AND INTERFACES

Accelerometer	3 Axis
Button	Mechanical
LED	1 LED
Tamper-proofing	Enabled

CERTIFICATIONS

FCC & CE*

ENCLOSURE

Material:	Color:	Weight:
ABS+PC & PVC	White	13.6g

Dimensions:
40.0×32.0×10.3mm

Accessories:
Disposable strap to wear

Protection Class:
IP67

OPERATING ENVIRONMENT

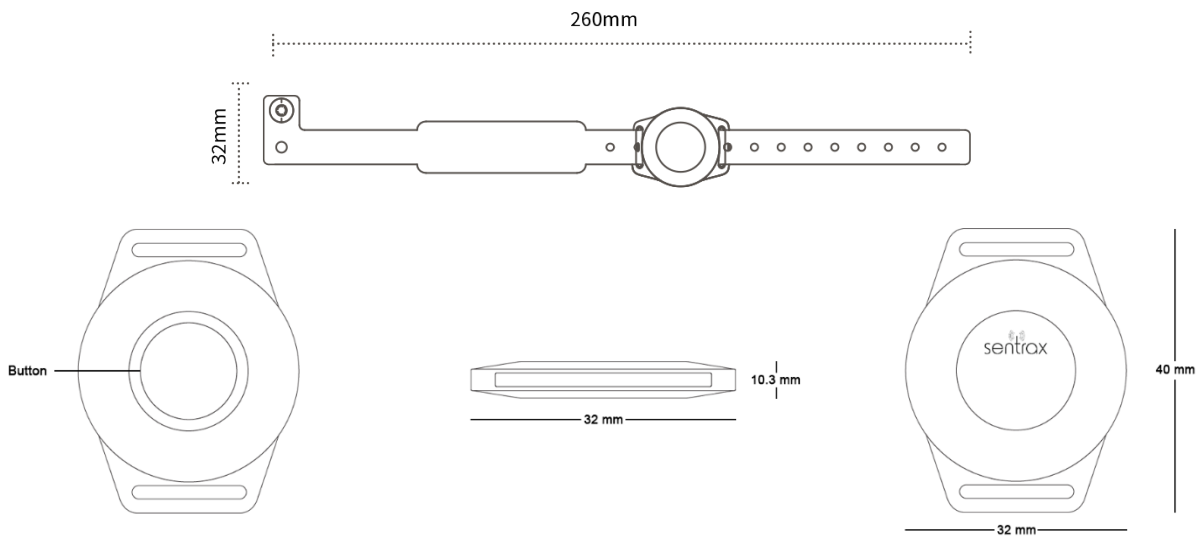|	
Temperature Range	-20°C to +60°C
Operating Humidity	0% ~ 95%

SENTRAX DEVICE MANGER APP

With the Sentrax Device Manager (SDM) App 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 settable 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 forever.

MECHANICAL DRAWINGS

PINIX TEP-1 Tag Mechanical Drawings

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

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