

OVERVIEW



Image is for representative purposes only, actual may differ

The PINIX line is a series of advanced Bluetooth Low Energy 5.x beacon devices using multi standard beacon technology. The PINIX TEX-1 is Temper Proof wearable bracelet beacon tag specially conceived for advanced solutions for positioning and tracking applications in high security environments. It features an ultra-low power consumption chipset Nordic nRF52 series. PINIX TEX-1 Tamperproof Beacon tag is a strong and durable wristband beacon tag and supports tamper alert and cut-off alert. It triggers preset BLE advertisement in case it's tamper or cut-off happen.

The PINIX TEX-1 comes with a downloadable SDK with an extensive library for easy integration into a wide range of location based and 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 10seconds

Frequency:
2.4GHz

Transmit Power:
+4dBm to -20 dBm

Antenna Type:
PCB antenna, Omni Directional

BATTERY

Battery type:
Li-polymer battery, 800mAh, Rechargeable

Battery Backup:

(Advertisement Rate)	(Battery Backup)
1000ms	2 years

SENSORS AND INTERFACES

Temperature	Body temperature sensor
Button	1 button (touch)
LED	1 LED
Sound	Buzzer (Optional)
Tamper-proof	Trigger advertisement when taken off / disassembled

CERTIFICATIONS

CE (Pending)

ENCLOSURE

Material:	Color:	Weight:
ABS + Silicone	Black	48g

Dimensions:
45mm*50mm*260mm

Accessories:

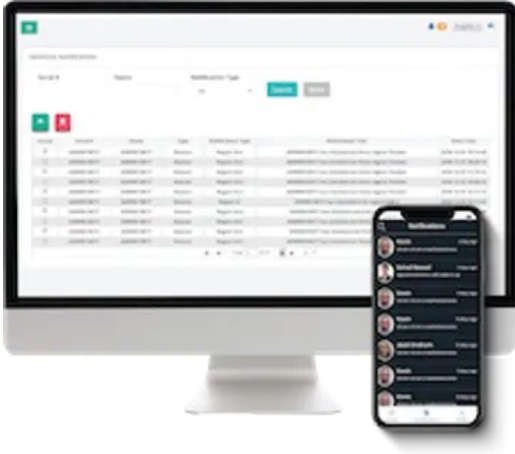
Ring silicone

Protection Class:
IP67

OPERATING ENVIRONMENT

Temperature Range	-40°C to 70°C
Operating Humidity	90%

PINIX CONFIGURATION APP



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 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.

APPLICATION AREAS

- Indoor Localization
- Elderly Care
- Location Based Services
- Security Supervision
- Prison Management

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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