Kontakt.io Nano Tag

User Manual
PNR: KHWBC700F001

Preparation of the device:

1. As an attachment to the device in the package there is a flyer with your unique order number: keep it to claim your devices on Kontakt.io cloud.
2. Using the start.kontakt.io website, create a customer account and use the order number to add your devices to the customer panel.
3. Press and hold device front side for 3 seconds and watch for its LED to blink slowly for 5 seconds. When you see the LED blinking slowly, Nano Tag is activated and ready for use.
4. Nano Tag is now operational. Use Smart Location or API services to stream or access location data collected by gateways or other BLE receivers including Cisco Access Points.

The Nano Tag continuously transmits Bluetooth signals. In the event of a malfunction, users should contact Technical Support for assistance and replacement of defective and still under warranty devices. Contact support at: support@kontakt.io

Application:
Nano Tag is designed for wearing on hand/wrist but also can be attached to different assets. It is an ideal solution for worker safety, patient and visitor experience use cases.

Characteristics:
The manufacturer and name of the device can be found on the original packaging in which the device is delivered.
Device dimensions: 23 mm x 18 mm; 8 mm.

Default configuration:
- Tx power: +2.5dBm
- Frame: Kontakt Telemetry Light
- Interval: 1000ms, single channel

Application notes:
- After 3s press and hold on the center LED show blink slowly (1 blink per second). If LED is blinking fast (2-3 blinks per second), it means the unit has reset. Please re-activate it
- Try not to press on the center of device after activation (especially exactly 1 minute after the activation). Device is doing internal memory operations and in very rare cases can be corrupted if button press occurs exactly at time of such event.
- Continuously spamming button presses on the center, cracking, smashing and stomping it may cause device malfunction.

Technology:
- Chip DA14531

Communication:
- Bluetooth 5.0 (optional)
- Range up to 50 meters
- Single channel broadcasting

Technical requirements:
- Temperature -10ºC ~ 60ºC
- Working humidity 10% ~ 90%

Frequency (MHZ): 2402.0 - 2480.0
Maximum radio power: 1.00 dBm (1.26 mW)

ATTENTION

Nano Tag contains electronic elements and a battery (1x SR921H 1.5V, Silver-Oxide, Mercury-free battery) which should be recycled according to EU Battery Directive 2006/66/EC and 2013/56/EU. This is a mercury-free battery and can be disposed together with regular electronic/metal waste. There are no restrictions on Nano Tag similar to devices containing batteries with lithium or mercury.

FCC Caution

This device complies with part 15 of applicable FCC Rules. Its operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction

Produced for:

Kontakt Micro-Location Sp. z o.o.
ul. Stoczniowców 3
30-709 Kraków
POLAND