

Nano Tag IR



Technical Specifications

Nano Tag IR

Physical	Height Width Depth Weight Casing IP rating Visual status indicator Mounting Product identifier	1.25 in (32 mm) 0.98 in (25 mm) 0.23 in (6 mm) 0.03 oz (4 grams) IP67 Blue LED; 5 blinks on power on Wearable; slots for wristband attachment QR code, MAC address, Unique ID
Environmental	Operating temperature Storage temperature Operating humidity Storage humidity Storage shelf life	41°F to 104°F (5°C to 40°C) 59°F to 77°F (15°C to 25°C) 10% to 95% RH, non-condensing 5% to 95% RH, non-condensing 1 year
Battery Power	Battery life Battery type Number of batteries Replaceable Power activation	Up to 14 days with IR and factory default configuration Silver Oxide battery, disposable, non-toxic, medically safe 1 No Long press backside (3s) to power on
Bluetooth Low Energy (LE)	Wireless standard Range Receiver sensitivity Transmission power level Supported data packets	Bluetooth LE 5.1 Up to 164 feet (50 meters) in open space -93 dBm +2.5 dBm Kontakt.io Telemetry and Location, iBeacon, Eddystone Broadcast only (non-connectable)
Sensors	IR (Infrared) receiver	56KHz, ultra-low noise
Certifications	CE, FCC, WEEE, Reach & RoHS, IC (ISED), UKCA	

Configurable parameters

Bluetooth LE parameters		
Parameter	Factory default	Configurable*
BLE packets	Kontakt.io Location	Yes; Kontakt.io Telemetry, Location, iBeacon, Eddystone
BLE interval	1000 ms	Yes
BLE name	Kontakt	Yes
iBeacon major, minor, UUID	Random	Yes; custom request
TX power	+2.5 dBm	-20 to +4 dBm

IR parameters		
Parameter	Factory default	Configurable*
IR receiving interval	6s	No

*Non-connectable device. Custom or use-case specific configuration must be requested at the time of order placement.

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Get in Touch

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