

Nano Tag IR



Technical Specifications

Nano Tag IR

Physical	Height	1.25 in (32 mm)
	Width	0.98 in (25 mm)
	Depth	0.23 in (6 mm)
	Weight	0.14 oz (4 grams)
	Casing IP rating	IP67
	Visual status indicator	Blue LED; 5 blinks on power on
	Mounting	Wearable; compatible with wristbands up to 3/4 in (19 mm) wide, threaded through the two mounting slots
	Product identifier	QR code, MAC address, Unique ID
Environmental	Operating temperature	41°F to 104°F (5°C to 40°C)
	Storage temperature	59°F to 77°F (15°C to 25°C)
	Operating humidity	10% to 95% RH, non-condensing
	Storage humidity	5% to 95% RH, non-condensing
	Storage shelf life	1 year
Battery Power	Battery life	Up to 14 days with IR and factory default configuration
	Battery type	Silver Oxide battery, disposable, non-toxic, medically safe
	Number of batteries	1
	Replaceable	No
	Power activation	Long press backside (3s) to power on
Bluetooth Low Energy (LE)	Wireless standard	Bluetooth LE 5.1
	Range	Up to 164 feet (50 meters) in open space
	Receiver sensitivity	-93 dBm
	Transmission power level	+2.5 dBm
	Supported data packets	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	

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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