

Nano Tag



Technical Specifications

Nano Tag

Physical	Height	0.9 in 23 mm
	Width	0.7 in 18 mm
	Depth	0.3 in 8 mm
	PCB dimensions	0.4 x 0.4 in 12 x 12 mm
Electronics	Microcontroller	Dialog DA14531
		16 MHz 32-bit Arm® Cortex® M0+
	Memories	1Mbit Flash, 48KB RAM, 144KB ROM, 32KB OTP
	Operation	1.8V - 3.3V, -40°C to +85°C -40°F to 185°F
Connectivity	Bluetooth	Bluetooth 5.1 qualified (Bluetooth DID: D050903)
	Range	50m in open space with gateway sensitivity -98dBm
Battery and power	Model	Silver Oxide battery, disposable, non-toxic, medically safe
	Number of batteries	1
	Replaceable	No
	Operating temperature range	14°F to 140°F -10°C to 60°C
	Battery life	1 year shelftime, 3 months at 1Hz
	Activation	Click the button to activate, LED will start blinking
Casing	Colors	RAL 9003
	Protection	IP65
	Water resistant for easy clearing	Yes
	Antibacterial surface	Optional
	Tamper-proof	No
	Mounting	2 slots for wristband
Certification		FCC, CE, RoHS, REACH
Product identification	QR code	Yes, MAC address

Use Cases

- Patient Tracking
- Visitor Tracking & Flow Management

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Get in Touch

Kontakt.io

Stoczniewców 3, 30-709
Kraków, Poland

T +48 123 793 445
E hello@kontakt.io

Kontakt.io

133 West 19th Street 7th Floor
New York, NY 10011

T +1 415-295-4558
E hello@kontakt.io