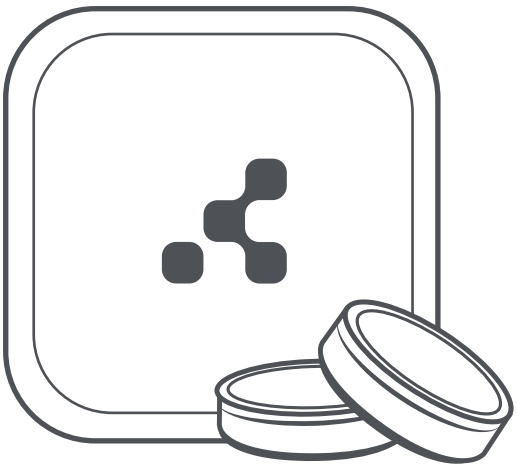
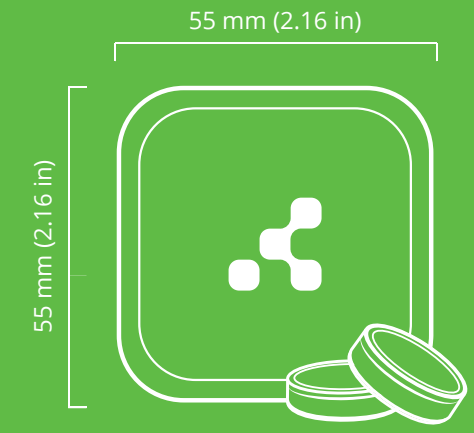
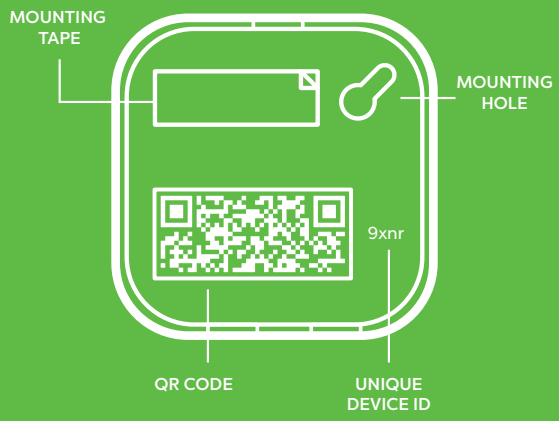
kontakt.io

Technical Specification



Smart Beacon Two





Locatify™

"We looked at eight different vendors and tried hardware from three of them and ended up using beacons from Kontakt.io. The quality of the beacons varied between vendors in terms of signal strength, signal consistency, battery life, and administrative functions. Kontakt.io came on top in terms of packing, signal quality, and battery life."

High performance to solve your problems

- Independently rated "highest performance" beacons.
- The most stable beacon signal on the market
- Trusted by 15,000+ clients
- Lifetime warranty

Smart software saves you money

- Implement proximity in your app in days instead of months
- Complete API & SDK gets you developing quickly
- Monitor, manage, and analyze your beacons from our user-friendly webpanel
- Manage access for multiple users per beacon

Enterprise ready to support your business

- Shipping up to 10,000 beacons worldwide in just 5 days
- Drop ship directly to any number of deployment locations to simplify your logistics
- Pricing from $10 per unit for bulk orders

Completely secure to keep your business safe

- Secure shuffling helps keep your infrastructure safe
- Secure communications protects you from hijacking
- Firmware lock keeps your beacon data safe no matter what

Tailored to represent your business

- Preconfigure your beacons so they arrive ready to use
- Customize the logo & color to represent your business
- Smartly designed to minimize deployment time

iBeacon Eddystone Bluetooth™ CE FC IC

General	**Dimensions and weight**	Height	15 mm (0.59 in)
		Width	55 mm (2.16 in)
		Depth	56 mm (2.16 in)
		Weight	38 grams (1.30 oz)
	Casing	Material	LUPOY GN5001RFG
		Flame resistance	Safe - V0 flammability class
		Water resistance	Up to 1 meter
		Protection	IP-57 (dust protected and waterproofed for up to 1 meter)
		Colors	White, Black
		Custom color	Min order size - 200 units
		Custom logo	Min order size - 100 units
		Openable	Yes. With tools
	Profiles	iBeacon	Yes
		Eddystone	Yes
	Power Supply	Battery type	2 x 1,000 mAh CR2477 cell
		Battery life	Up to 4 years with default settings and 24-hours daily usage
		Battery replacement	Yes
	Mounting method		Screws; Tape
Components	**Processors**	Main	32-bit ARM® Cortex™ M0 CPU core
		Bluetooth	Nordic nRF51822
		Data rates	250 kBs, 1 Mbs, and 2 Mbs
		Memory	256 KB flash 16 KB RAM
	Communications	Bluetooth	Bluetooth Low Energy wireless technology 2.4GHz RF
		Transmission power	-30 dBm to 4 dBm
		Sensitivity	-93 dBm
	Range		1 meters - 60 meters
	Sensors		No
Support/ Management	**Security**	Anti-Hacking	Yes, Kontakt.io Secure Communication
		Anti-Cloning	Yes, Kontakt.io Secure Shuffling
		Anti-PiggyBacking	Yes, Kontakt.io Secure Shuffling
		Anti-Cracking	Yes, Software Lock
	Management	Advertising packet configuration	Yes. Proximity UUID, major, minor (iBeacon); Namespace ID, Instance ID, URL (Eddystone); Interval
		Battery level monitoring	via Android and iOS SDK
		Remote fleet management	via Android and iOS SDK
	Platform support	iOS SDK	Yes, v. 8.0 or higer
		Android SDK	Yes, v. 4.3 or higher
		API	Yes
		Web Panel	Yes, Android and iOS
Operations	**Environmental Requirements**	Temperature	-20°C / + 60°C (-4°F / +140°F)
		Humidity	from 0% up to 100%
	Certificates		CE - European Union FCC - Unated States Radio Law Certification - Japan Anatel - Brazil KCC - Korea
	Lead time	3 - 10 000 beacons	2-5 business days
		10 000+	Call Us
	Warranty		Lifetime

Get in touch

kontakt@kontakt.io

facebook.com/kontakt.io

@kontakt.io

+48 123 793 445

Kontakt.io
Stoczniowców 3, 30-709
Kraków, Poland

kontakt.io