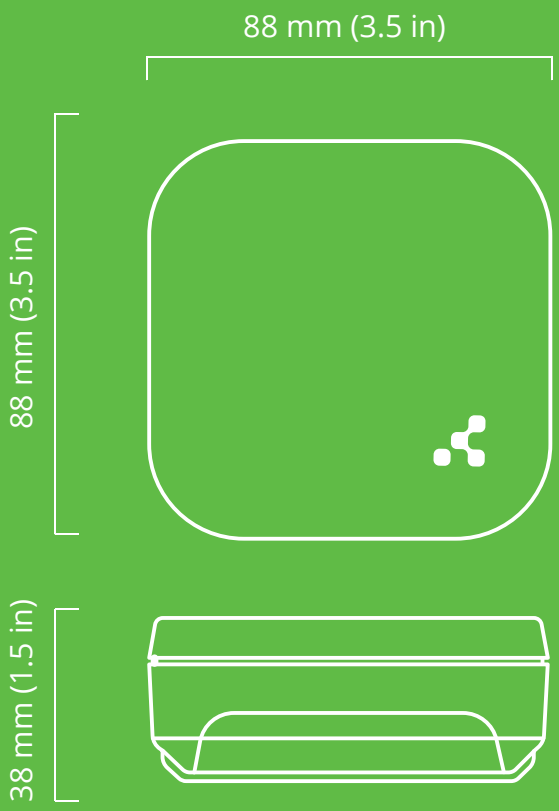
ID Solution

kontakt.io

Technical Specification

Gateway



High performance to solve your problems

- Independently rated “highest performance” beacons.
- The most stable beacon signal on the market
- Trusted by 17,000+ clients
- 24 months 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 to represent your business
- Smartly designed to minimize deployment time

iBeacon Eddystone Bluetooth

Dimensions and weight[1]	Height:	88 mm (3.5 in)
	Width:	88 mm (3.5 in)
	Depth:	38 mm (1.5 in)
	Weight:	114 grams (4.02 oz)
Casing	Colors:	White
	Material:	LUPOY GN5001RFG
Processors	CPU:	Dual core ARM® Cortex®-A7@1.0GHz
	DRAM:	512MB LPDDR3
	Flash:	4GB eMMC
	Dialog Semiconductor DA14581 Bluetooth HCI module	
	CPU:	ARM® Cortex®-M0@16MHz
	RAM:	50kB
	ROM:	84kB
Communication	Bluetooth:	Bluetooth Low Energy wireless technology 2.4GHz RF (two independent hci modules)
	WiFi:	IEEE802.11a/b/g/n/ac
	ZigBee:	IEEE802.15.4 (Software support under development)
Transmission power	Bluetooth:	-20 dBm or 0 dBm, and 11 dBm
	WiFi:	up to 19 dBm depending on b/g/n/ac standard
Sensitivity	Bluetooth:	-93 dBm or -95.5 dBm
	WiFi:	-82 dBm to -64 dBm depending on b/g/n/ac standard
Range[2]	Bluetooth:	up to 50 meters
Connections/UI		- USB OTG port - Reset button - User button - Status LED
Power		Micro USB port
Environmental Requirements	Operating temperature:	-20°C / +60°c (-4°F / +140°F)
	Storage temperature:	-5°C / +35°c (23°F / +95°F)

1. Dimensions of development kit enclosure. Device will be released with different casing.
2. All values are estimated. Signal propagation depends heavily on environment conditions.
Product sample. Product is under development and final specification might change.

Get in touch

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