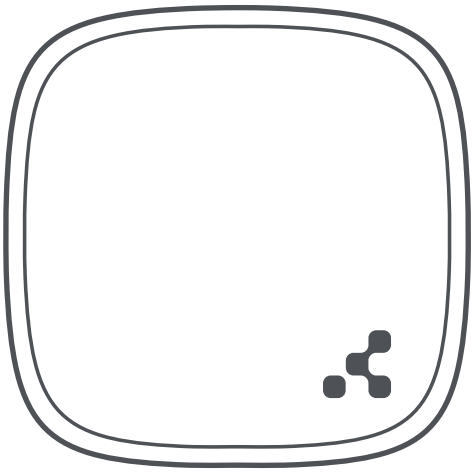
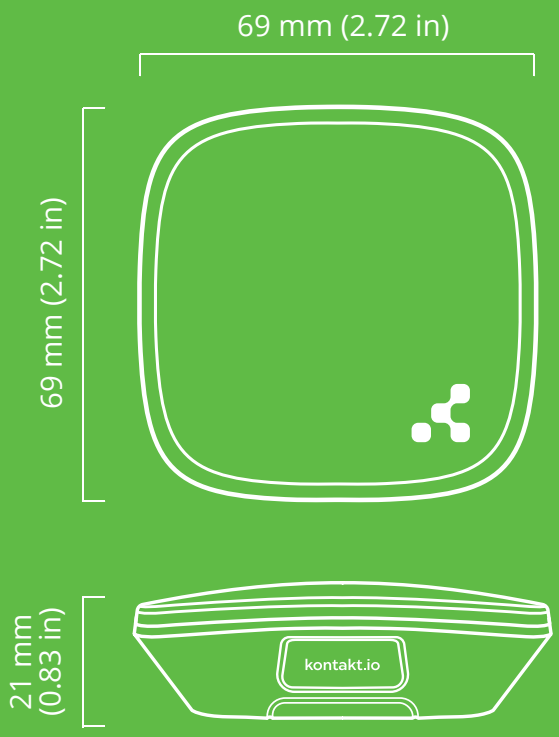
kontakt.io

Technical Specification



Beacon Pro



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

ABIresearch®

“We tried many beacons on the market and Kontakt.io turned to work very good with our solution. Besides excellent hardware, Kontakt.io offer fast, friendly and effective customer support and are constantly innovating and updating their product range.”

indoors

“Kontakt.io’s new products help move the whole beacon market towards Industrial IoT. The new generation of hardware is completed with the Location Engine. Any solution provider can build on this. The company is paving the way for hundreds of new use cases based on real-time location tracking systems.”

iBeacon Eddystone Bluetooth™

Dimensions and weight	Height	69 mm (2.72 in)
	Width	69 mm (2.72 in)
	Depth	21 mm
	Weight	71 grams
Casing	Colors:	White
	Splashproof:	Yes
	Dustproof:	Yes
Microcontroller	Name:	Nordic Semiconductor nRF52832
	Core:	32-bit ARM Cortex-M4F
	Clock:	54MHz
	RAM:	64kB
	Flash:	512kB
Communication	Bluetooth	Bluetooth Low Energy wireless protocol 2.4GHz RF
	NFC	
Available transmission power levels	Bluetooth:	-20dBm, -16dBm, -12dBm, -8dBm, -4dBm, 0dBm, 4dBm
Sensitivity	Bluetooth:	-96dBm
Range	Bluetooth:	up to 50 meters[1]
	NFC:	depends on NFC reader
Sensors	Accelerometer:	STMicroelectronics LIS3DH
	Ambient light sensor:	Vishay TEMT6200FX01
Additional features		Real Time Clock
		LED indicator
Battery and Power		three CR2477 Lithium Manganese Dioxide Coin Battery with capacity of 1000 mAh each - battery powered device lifetime up to 60 months
Environmental Requirements	Operating temperature:	-20°C / +60°c (-4°F / +140°F)
	Storage temperature:	-5°C / +35°c (23°F / +95°F)
	Humidity:	from 0% up to 95%
In the Box		Beacon Pro

1. Depends on set transmission power. Actual maximum transmission range will be measured when final product will be ready.

Get in touch

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