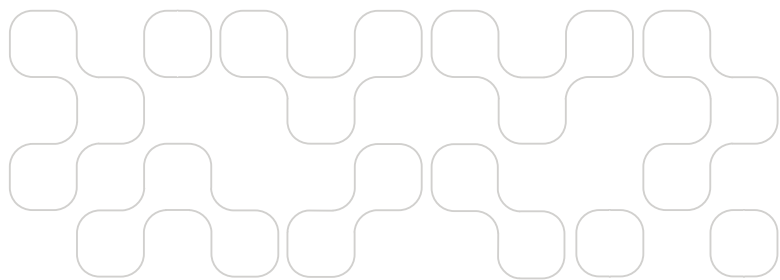
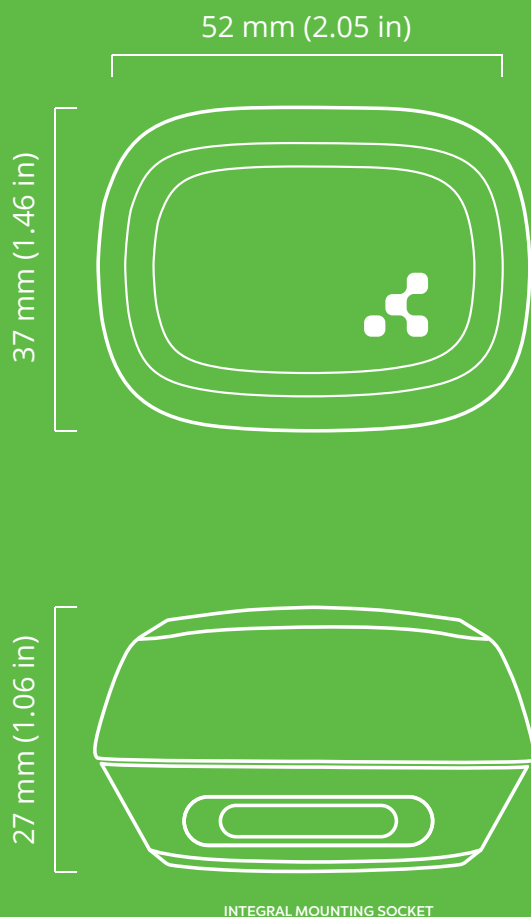


Tough Beacon





"Kontakt.io has the broadest and most complete range of beacons on the market right now which perfectly fits into our clients different needs. Some of them want to place beacons outside their premises, and Kontakt.io's Tough Beacon is simply the best to use for this purpose."

High performance to solve your problems

- ✓ Independently rated "highest performance" beacons.
- ✓ The most stable beacon signal on the market
- ✓ Trusted by 15,000+ 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 & color to represent your business
- ✓ Smartly designed to minimize deployment time



General	Dimensions and weight	Height	27 mm (1.06 in)
		Width	37 mm (1.46 in)
		Depth	52 mm (2.05 in)
		Weight	23 grams (0.81 oz)
		Slot	3.5mm (.138 in) high; 23.5mm (.928 in) wide; 35.75mm (1.407 in) long
	Casing	Material	Polycarbonate
		Flame resistance	Safe - V0 flammability class
		Water resistance	Up to to 10m depth
		Protection	IP-68 (Waterproof to 10m depth, dust-proof, anti-static, shatter resistant, UV resistant)
		Colors	White
		Custom color	No
		Custom logo	Yes
		Openable	No
	Profiles	iBeacon	Yes
		Eddystone	Yes
	Power Supply	Battery type	1 x 1,000mAh CR2477 cell
		Battery life	Up to 2 years with default settings and 24-hours daily usage
		Battery replacement	No
	Mounting method		Cable tie, zip tie or similar; tape
Components	Processors	Main	32-bit ARM® Cortex™ M0 CPU core
		Bluetooth	Nordic nRF51822
		Data rates	250kBs, 1Mbps, and 2Mbps
		Memory	256KB flash 16KB RAM
	Communications	Bluetooth	Bluetooth Low Energy wireless technology 2.4GHz RF
		Transmission power	-30 dBm to 4 dBm
		Sensitivity	-93 dBm
	Range		1 meter - 60 meters
Support/ Management	Sensors		No
	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
		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
		Native Apps	Yes, Android and iOS
Operations	Environmental Requirements	Temperature	-20°C / + 60°C (-4°F / +140°F)
		Humidity	From 0% up to 100%
	Lead time	3 - 1 000 beacons	5-10 business days
		1 000+	Contact Us
	Warranty		24 months

Get in touch




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