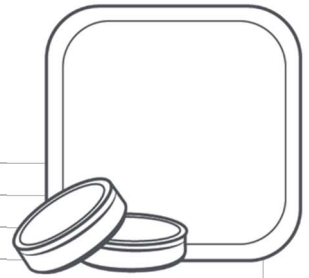




## Technical Specification Bluetooth Beacon



<b>Dimensions and weight</b>	<i>Length</i>	64 mm
	<i>Width</i>	58 mm
	<i>Height</i>	35 mm
	<i>Weight</i>	100 g
<b>Microcontroller</b>		Nordic Semiconductor nRF51822
<b>Connectivity</b>	<i>Bluetooth</i>	Bluetooth 4.2 compliant, Bluetooth 5 ready
	<i>Range</i>	up to 70 meters
	<i>Available transmission power levels</i>	0 (-30dBm), 1 (-20dBm), 2 (-16dBm), 3 (-12dBm), 4 (-8dBm), 5 (-4dBm), 6 (0dBm), 7 (4dBm)
	<i>Sensitivity</i>	-93dBm
<b>Battery and Power</b>		Two CR2477 Lithium Manganese Dioxide Coin Battery with capacity of 1000 mAh each - battery powered device lifetime up to 60 months (Batteries are replaceable)
<b>Sensors</b>		Temperature (Accelerometer STMicroelectronics LIS2DH)
<b>Casing</b>	<i>Colours</i>	 default      black
	<i>Custom Colours</i>	 white      beige      brown      military green
	<i>Protection</i>	IP65
	<i>Splashproof</i>	Yes
	<i>Dustproof</i>	Yes
	<i>Customisation</i>	logo printed on front and casing's colour
	<i>Fire class</i>	UL 94 HB
	<i>Antibacterial Surface</i>	Upon request
<b>Environmental Requirements</b>	<i>Operating temperature</i>	-20°C / + 60°C
	<i>Storage temperature</i>	-5°C / +35°C
	<i>Humidity (non-condensing)</i>	from 0% up to 95%
<b>Warranty</b>		12 months
<b>Beacon standards compatibility*</b>	<i>iBeacon</i>	Yes
	<i>Eddystone</i>	Yes

\* All packets can be enabled and disabled at any time, except Kontakt.io Secure Profile (it's constantly broadcasted at a fixed 1000ms interval)

### Battery life\*

<i>Tx Power / Interval (ms)</i>	<i>Tx=3 (-12 dbm)</i>	<i>Tx=7</i>
1000 ms	87 months	61 months
800 ms	79 months	56 months
500 ms	62 months	44 months
350 ms	50 months	35 months

\*Estimated battery life at the room temperature.