

Puck Beacon



Technical Specifications

Puck Beacon

Physical	Height	0.8 in (20.5 mm)
	Diameter	1.9 in (50 mm)
	Weight	1.5 oz oz (45 g) 2.5 oz (73 g) with mounting bracket
	Casing IP rating	IP67
	Casing housing	Tough epoxy-sealed; protects internal components from impact, vibration, and tampering
	Product Identifier	QR code, MAC address, Unique ID
Environmental	Mounting method	Mounting tape, roll-cage mounting bracket
	Operating temperature	-40°F to 185°F (-40°C to 85°C)
	Storage temperature	23°F to 95°F (-5°C to 35°C)
	Operating humidity	0% to 95% RH, non-condensing
	Storage humidity	5% to 95% RH, non-condensing
	Storage shelf life	2 years
Battery Power	Battery life	Up to 8 years; factory default configuration
	Battery type	ER14250; 3.6V ½ AA
	Number of batteries	2
	Total capacity	2400 mAh
	Replaceable	No
	Power activation	Factory-activated
Bluetooth Low Energy (LE)	Wireless standard	Bluetooth LE 5.0
	Range	Up to 229 feet (70 meters) in open space
	Receiver sensitivity	-93 dBm
	Available transmission power level	0 (-30 dBm), 1 (-20 dBm), 2 (-16 dBm), 3 (-12 dBm), 4 (-8 dBm), 5 (-4 dBm), 6 (0 dBm), 7 (4 dBm)
	Supported data packets	Kontakt.io Telemetry and Location, iBeacon, Eddystone
Sensors	Accelerometer	Type: 3-axis MEMS accelerometer Selectable measurement ranges: ±2 g, ±4 g, ±8 g, ±16 g Output Data Rate (ODR): 1 Hz to 5.3 kHz
Certifications	CE, FCC, UKCA, RoHS, REACH, IC, RCM	

Configurable parameters

Bluetooth LE parameters		
Parameter	Factory default*	Configurable
BLE packets	Kontakt.io Telemetry, Location, iBeacon	Yes; Kontakt.io Telemetry, Location, iBeacon, Eddystone
BLE interval	1000 ms	Yes
BLE name	Kontakt	Yes
iBeacon major, minor, UUID	Random	Yes; custom request
TX power	-4 dBm	-20 to +4 dBm

*Custom or use-case configuration can be requested at the time of order placement.

 **kontakt.io**

Get in Touch

Kontakt.io

Stoczniewców 3, 30-709
Kraków, Poland

T +48 123 793 445

E hello@kontakt.io

Kontakt.io

133 West 19th Street 7th Floor
New York, NY 10011

T +1 415-295-4558

E hello@kontakt.io