

# Asset Tag 2



# Technical Specifications

## Asset Tag 2

All specifications subject to change without notice.

<b>Dimensions and weight</b>	<b>Height</b> <b>Width</b> <b>Depth</b> <b>Weight</b>	1.9 in (49 mm) 1.9 in (49 mm) 0.5 in (15 mm) 1.37 oz (39g)
<b>Electronics</b>	<b>Microcontroller</b>	nRF52832
<b>Connectivity</b>	<b>Bluetooth</b> <b>Range</b> <b>Available transmission power levels</b> <b>Sensitivity</b> <b>Communication</b>	BLE 5.0 Up to 164 feet (50 meters) -20 to +4 dBm -96dBm Over-the-Air (OTA)
<b>Battery and power</b>	<b>Battery operating mode</b> <b>Model</b> <b>Total capacity</b> <b>Number of batteries</b> <b>Replaceable</b> <b>Operating temperature range</b> <b>Battery life</b>	RGB LEDs signalling device state ERI4250 (1.2 Ah) 2400mAh 2 No -140°F to 185°F   -60°C to +85°C Up to 8 years Tx power 3; Interval 1000 ms; IR disabled
<b>Sensors</b>		Motion sensor - 3DH sensor (LIS3DH)
<b>Button</b>	<b>Lexan keyboard connection type</b>	FPC connector is mounted on PCB to accept flat cable from Lexan keyboard LED and buttons are part of Lexan keyboard
<b>Functionalities</b>		BLE broadcasting Infrared (IR) IR receiving standard (TSOP95456TT) Accelerometer (motion sensing)
<b>Casing</b>	<b>Material</b> <b>Colors</b> <b>Protection</b> <b>Mounting</b> <b>Antibacterial surface</b>	PC-550k (V0 anti-flammable) off white, RAL 9003 IP 67 Slot for ZIP ties, double-sided tape Yes - Antibacterial and UV resistant

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<b>Environmental requirements</b>	<b>Operational temperature</b> <b>Humidity (non-condensing)</b>	-77°F to 185°F   -25°C to +85°C Non-condensing
<b>Beacon standards compatibility</b>	iBeacon Eddystone Kontakt.io Secure Profile Telemetry Kontakt.io Location	Yes Yes Yes Yes Yes
<b>Warranty</b>		1 year
<b>Certification</b>		CE/FCC/RoHS/REACH/IC/UKCA
<b>Product identification</b>	QR code	Yes, MAC address

### Use Cases:

- Asset Tracking
- Asset Management & Maintenance
- PAR Level Management





# Get in Touch

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