

Asset Tag 2



Technical Specifications

Asset Tag 2

Dimensions and weight	<p>Height</p> <p>Width</p> <p>Depth</p>	<p>1.9 in 49 mm</p> <p>1.9 in 49 mm</p> <p>0.5 in 15 mm</p>
Electronics	Microcontroller	nRF52832
Connectivity	<p>Bluetooth</p> <p>Range</p> <p>Available transmission power levels</p> <p>Sensitivity</p> <p>Communication</p>	<p>BLE 5.0</p> <p>up to 50m</p> <p>-20 to +4 dBm</p> <p>-96dBm</p> <p>Over-the-Air (OTA)</p>
Battery and power	<p>Battery operating mode</p> <p>Model</p> <p>Total capacity</p> <p>Number of batteries</p> <p>Replaceable</p> <p>Operating temperature range</p> <p>Battery life</p> <p>Activation</p>	<p>RGB LEDs signalling device state</p> <p>ERI4250 (1.2 Ah)</p> <p>2400mAh</p> <p>2</p> <p>No</p> <p>-140°F to 185°F -60°C to +85°C</p> <p>min 4 years</p> <p>On/off button</p>
Sensors		Motion sensor - 3DH sensor (LIS3DH)
Button	Lexan keyboard connection type	<p>FPC connector is mounted on PCB to accept flat cable from Lexan keyboard</p> <p>LED and buttons are part of Lexan keyboard</p>
Functionalities		<p>BLE broadcasting</p> <p>Infrared (IR)</p> <p>IR receiving standard (TSOP95456TT)</p> <p>Accelerometer (motion sensing)</p>
Casing	<p>Material</p> <p>Colors</p> <p>Protection</p> <p>Mounting</p> <p>Antibacterial surface</p>	<p>PC-550k (V0 anti-flammable)</p> <p>off white, RAL 9003</p> <p>IP 6567</p> <p>Slot for ZIP ties, double-sided tape</p> <p>Yes - Antibacterial and UV resistant</p>

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

Use Cases:

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





Get in Touch

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