

Asset Tag 2



Technical Specifications

Asset Tag 2

All specifications subject to change without notice.

Dimensions and weight	Height Width Depth Weight	1.9 in (49 mm) 1.9 in (49 mm) 0.5 in (15 mm) 1.37 oz (39g)
Electronics	Microcontroller	nRF52832
Connectivity	Bluetooth Range Available transmission power levels Sensitivity Communication	BLE 5.0 Up to 164 feet (50 meters) -20 to +4 dBm -96dBm Over-the-Air (OTA)
Battery and power	Battery operating mode Model Total capacity Number of batteries Replaceable Operating temperature range Battery life Activation	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 On/off button
Sensors		Motion sensor - 3DH sensor (LIS3DH)
Button	Lexan keyboard connection type	FPC connector is mounted on PCB to accept flat cable from Lexan keyboard LED and buttons are part of Lexan keyboard
Functionalities		BLE broadcasting Infrared (IR) IR receiving standard (TSOP95456TT) Accelerometer (motion sensing)
Casing	Material Colors Protection Mounting Antibacterial surface	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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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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