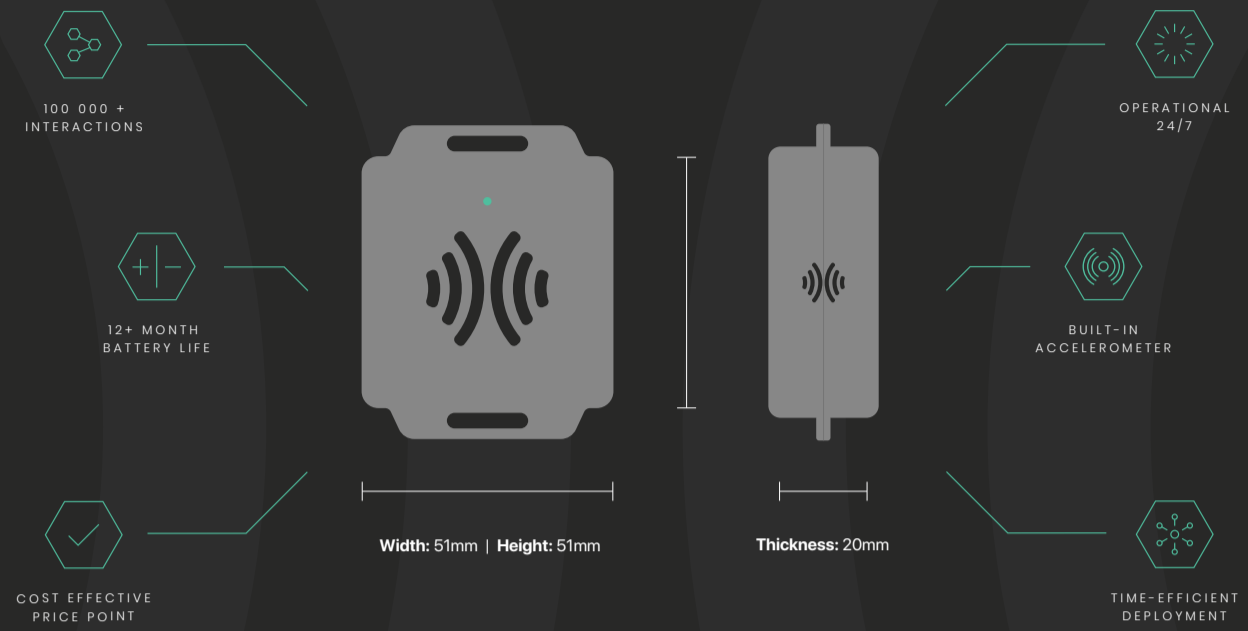




The Device

Active Contact Tracing Wearable



A battery built to last longer than

365 days



With no compromise, it's operational

24/7



And the ability to store interactions of

100k +

Battery life and capacity

Expected Battery Life (accelerometer off)	±7 Months
Expected Battery Life (accelerometer on)	>1 year
Battery Type	Li-MnO2
Battery Voltage	3.0 V
Battery Capacity	1000 mAh
Battery Size	CR2477 Coin Cell
Battery health	Checked + recorded on AP every upload
Reserve Battery	7 days
Battery warning	RED blinking LED

Wireless communication and data transfer

Operating Frequency	2.4GHz
Adjustable Proximity Range	0.8m - 20m
Transmission interval	Constant
Receiving interval	5 seconds
Maximum connections	350 every 5 seconds
Access point pairing	< 5seconds
Data upload rate	12,000 Interactions per second
Configuration Changes	OTA configuration of proximity zone

Data storage

Device storage type	RAM and Non-volatile
Device storage capacity	110,000 Interactions
Access point storage capacity	Unlimited

LED Indicators and device interaction

Device start up and sleep	Auto Accelerometer
Battery health check	Tap device twice
Start up Indicator	● Green solid LED 2s
Connection to Access Point	● Solid Blue LED
Low Battery Warning	●● Flashing RED led every 5s
Low storage capacity	●● Flashing Blue led every 5s

Additional information

Battery health	Checked + recorded on AP every upload
Configuration Changes	OTA configuration of proximity zone

