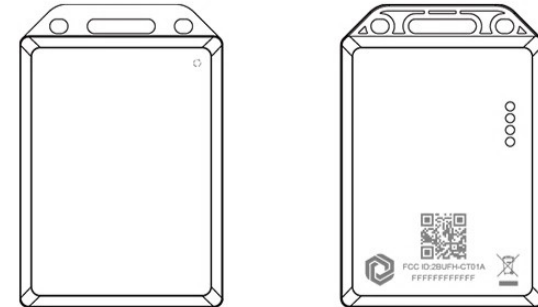


CORTAG RECHARGEABLE BADGE USER GUIDE

- The **CorTag™** Rechargeable Badge is a compact Bluetooth® Low Energy (BLE) wearable designed to enhance safety, visibility, and operational efficiency across multiple environments. Built on the Bluetooth® 5.0 standard, CorTag™ delivers real-time location tracking to support personalized assistance during emergencies or daily operations.
- **CorTag™** features magnetic charging, a buzzer, and three LED indicators that provide instant visual feedback to the user. With its durable construction and versatile functionality, the CorTag™ Rechargeable Badge is widely used in schools, hospitals, hotels, construction sites, smart offices, and more.



Connectivity	BLE 5.0
Dimensions	45 × 60 × 7.5 mm
Color	Body: White
Material	PC+ABS+TPU
IP Rating	IP65
LED	Red, Green, Blue Light-Emitting Diode (RGB LED)
Sensor	Buzzer (78dbm) Vibration motor
Battery Capacity	350 mAh Rechargeable
Battery Lifespan	• Advertising mode*: ~6 months (default setting) • Long connection mode*: ~2 months
Charging Time	Approx. 3 hours (under 25°C conditions)



**Enhanced Safety Planning
Preparedness & Drills**



**Real-Time Incident Detection
& Automated Alerts**



**Proximity-Based Notifications
& Effective Evacuation**



**Optimized Energy
Response**

• **Advertising mode***: The lifetime is estimated based on advertising mode and broadcasting in a non-connected state under 25°C conditions (0dBm Tx Power | 1000ms ADV interval | Continuous broadcast | No accelerometer sensor).

• **Long connection mode***: The lifetime is estimated based on the smartphone/gateway maintaining a long connection with the CorTag™ under 25°C conditions.

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver. Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.