Corona Tag User Guide

HSL's Social Distance Monitoring Employee Badge (EMB-1) is designed to monitor social distancing in the workplace and eliminate the need for a wide shutdown in case of infection.

EMB-1 is based on low power BlueTooth technology allowing detection of other badges in the area.

How to Use EMB-1?

For most accurate social distance monitoring, wear EMB-1 the following way:

- **On the chest**
- **Facing out**
- **Not covered**

EMB-1 includes a small motion detector and will automatically turn on in the morning once moved.
No charging or interaction required

Indication

In normal operation mode EMB-1 LED will flicker briefly every 60 seconds.

The LED will flicker **RED** if there is another tag in the near environment and **GREEN** if no other tags are identified.

Safety

- To assure safety and health, EMB-1 is based on low power scanning, equivalent to 10% of the radiation produced by a standard BT headset.

- Privacy is key when using EMB-1.
  EMB-1 doesn't contain any broadcasting or receiving devices other than Bluetooth and doesn't provide any information about employees' behavior or whereabouts.
  Once an employee is found positive for Covid, only his badge is investigated to see the list of encounters as defined by the administrators on deployment.

- It is advised to use the data provided by EMB-1 in conjunction with local health authorities recommendations and guidelines.

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FAQ

What happens when I sleep?

After predefined time of zero motion, the tag would enter sleep mode. During sleep mode, the tag would not interact with other tags.

Where should I wear the tag?

The tag should be worn on your chest, closer to your head. See above figure. Wearing the tag in any other way will effect its accuracy.

Would the tag record meeting locations?

No. Only tag number, event distance and event time are being recorded.

Would the tag provide warning when I get closer to other tags?

No. The tag is only used for epidemiologic investigation. It does not provide any user warnings.

What happens if the Tag is exposed to water?

The tag is not designed to survive heavy rain or water exposure.

How long would the tag battery last?

Exact battery life depends on the operating configuration. Using default configuration, the battery would last approximately 6 months.

How would I know the tag is operating normally?

The tag would blink green or red once every 10 seconds.

Can I turn the tag on and off?

No. It is always on unless it is in sleep mode.

Can the tag be used on board commercial or military aircrafts?

Yes.

What type of information does the tag collect and for how long?

The tag only collects encounters for longer than pre-defined time. No names, locations or any other information is recorded. All information is erased after 14 days.

Who is eligible to download information from my tag?

Only company system administrator that have valid access keys as well as special cable and software.

Can I charge my tag battery?

No. Once battery is drained it will be replaced by a technician.

How much radiation the tag user exposed to?

Roughly 1/100,000 of the radiation generated by mobile phone. Much lower energy compared to Bluetooth headphones for example.

Can I use the tag near sensitive medical equipment?

Yes.

Can the tag detect events behind glass surfaces, walls, cubical etc.?

Normally no. Sometimes it may. In any case, events recorded by the tag should be further investigated by trained medical personnel.

Does the tag have a microphone or any other IO device?

No. The tag does not have any input devices other than BT.

How would I know the tag battery is low?

the tag would start blinking rapidly in red color at the last 5% of battery life.

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