

# CT-Wristband

## DATASHEET

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Contact tracing solution with social distance alarm

Revision V1

Date: 2020-05-03

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## History

Revision	Date	Description
V1	2020-05-03	Initial



CT-WRISTBAND

## Features

- Contact tracing system.
- Social distance vibrating alarm
- Comfortable wearable device with Bluetooth Low Energy advertising and scanning roles.
- Privacy guarantee
- Nordic Semiconductor nRF52832 chipset, low power consumption
- Rechargeable internal lithium battery.
- Integrated battery protection.
- RGB LED, bracelet status and battery level indication.

## Specifications

BLE version	BLE 4.0/ BLE5.0
Social distance alarm	Built-in vibrator
LED	RGB LED
Protocol	Custom encrypted protocol
Contact detection range	≈2 m - scans every 10 seconds
BLE communication range	≈20 m
Battery	Lithium rechargeable battery
Battery capacity	100 mAh (Around 5 days of lifetime)
Working temperature	-40°C - 70°C
IP rating	IP67



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