

# Wearable Thermometer Badge

## Technology Overview

During an epidemic or pandemic outbreak (e.g. SARS, COVID-19), temperature checks are usually carried out as a precautionary measure before allowing anyone to enter a public facility or office building. Inevitably, long queues may be formed, especially during peak hours or when common thermometers are limited.

This wearable temperature badge overcomes the above situation by allowing users to self-administer their own temperature and display it prominently for ease of verification. The technology comes with flashing LEDs to indicate temperature status and a reminder alert to prompt users to retake their temperature.

## Features & Specifications

- Flashing LEDs and buzzer to indicate temperature
- Wearable design that comes with cradle, to enable temperature status to be visibly displayed
- Operating modes for user selection:
  - (i) Thermometer mode
  - (ii) Temperature badge mode
  - (iii) Menu adjustment mode
- User-programmable setting
- Patented technology
- Temperature measurement range: 32.0°C to 42.0°C
- Accuracy: +/- 0.1°C
- LED flashing duration: 1 to 12 hours



## Customer Benefits

- Effective community-level temperature monitoring.
- Reduce or remove the need for temperature screening stations
- Self-administered device
- Convenient
- Cost effective

## Potential Applications

Community-level temperature monitoring in schools or any work environment.

