

# iData 25T 2-in-1 Smart Thermometer



## ➤ Non-contact industrial temperature measurement, multiple temperature measurement modes

- ◆ 0 ~ 6cm non-contact safety temperature measurement, providing more protection;
- ◆ Multiple temperature measurement modes, covering all detection objects;
- ◆ Intelligently sense ambient temperature, meet all temperature measurement requirements in 0 ~ 40 ° C environment;
- ◆ Built-in German Hyman thermopile sensor, accurate temperature measurement of  $\pm 0.2^{\circ}\text{C}$ , temperature measurement time  $\leq 1\text{S}$ .

## ➤ Real-time reading of city code / health code / smart ID card / access card

- ◆ Real-time reading of city code / health code / ID card information, detection + identification + entry information in one step, improve operation efficiency;
- ◆ NFC-bound personnel access card, ID card + access card for quick verification and reading, meeting the requirements of access control management.

## ➤ Wi-Fi data transmission + camera / video recording, strengthen personnel information collection capabilities

- ◆ Wi-Fi data transmission, timely and efficient information transmission and upload;
- ◆ 8 MXP high-definition camera, take pictures / videos anytime, anywhere.

## ➤ Local/cloud storage & background system & big data platform

- ◆ Personnel information admission can choose multiple local / cloud storage schemes
- ◆ The backstage can inquire about the visits of people in and out of the enterprise / community / park in real time, and it can be displayed on a map.
- ◆ Big data platform AI intelligent processing, personnel information details are intelligently sorted and updated to ensure real-time + timely control measures are in place

### ➤ Long battery life+ long temperature measurement life

- ◆ Equipped with 2700mAh large capacity battery;
- ◆ Over 1 million times of temperature measurement button life, easily covering over one million people's temperature measurement needs.

### ➤ Enterprise-class configuration

- ◆ Enterprise-class Android OS;
- ◆ Quad-core 1.3GHz high-performance processor, 8GB ROM + 1GB RAM large-capacity storage;
- ◆ Enterprise-class Wi-Fi data communication;
- ◆ Supporting Bluetooth 4.2 LE communication;
- ◆ Slim design, weighing only 170g, easier to carry around and longtime use;
- ◆ Robust and reliable, meeting the drop standard of 1.5 meters high to the concrete floor.

## System Configuration

|                   |  |
|-------------------|--|
| CPU               | Quad-core 1.3 GHz                                    |
| Operating System  | Android 8.1 Go                                       |
| Memory            | 8GB ROM + 1GB RAM                                    |
| Display           | 2.4 inch, 320*240 high resolution                    |
| Touch Panel       | Capacitive touch panel                               |
| Camera            | 8 MXP autofocus camera in the back side              |
| Keypad            | 21 front keys, 2 side keys, Power key, total 24 keys |
| Battery           | 3.8 V 2700mAh rechargeable lithium polymer battery   |
| Charging          | Supporting Type-C charging                           |
| Notification      | Vibrator alerts/LED/Audio notification               |
| Vibration Motor   | Built-in programmable vibration motor                |
| Sensor            | G-Sensor   |
| Intercom function | One-touch PTT call (optional)                        |

## Structural Parameters

|                    |                         |
|--------------------|-------------------------|
| Dimensions (LxWxD) | 150mm x 54mm x 20mm     |
| Weight             | 170g (battery included) |

## Communication Transmission

|              |   |
|--------------|---|
| Wireless LAN | Wi-Fi 802.11 a/b/g/n (Dual-band Wi-Fi: 2.4G+5G) |
| Bluetooth    | Bluetooth 4.2 LE                                |

## Operating Environment

|                         |  |
|-------------------------|--|
| Programming Language    | Android Standard interface, Java, Secondary development SDK, API, DEMO |
| Operating Temp.         | -20°C ~ 60°C (-4°F ~ 140°F)  |
| Storage Temp.           | -40°C ~ 60°C (-40°F ~140°F ) battery included                          |
| Relative Humidity       | 0 ~ 95% (non-condensing)   |
| Drop Specification      | 1.5-meter drops to concrete ground                                     |
| Electrostatic Discharge | Conforms to ±15 kV air discharge, ±8 kV direct discharge               |

## Temperature detection parameters

|                       |   |
|-----------------------|---|
| Measurement method    | Non-contact / infrared  |
| Measuring distance    | 0~6cm   |
| Response Time         | ≤1S   |
| Temperature Range     | Normal mode: 32 ~ 42.9 °C<br>Object mode: 0 ~ 100 °C                              |
| Resolution            | 0.01°C  |
| Measurement accuracy  | Normal mode 35 °C ~ 42 °C ± 0.2 °C, other ranges ± 0.3 °C<br>Object mode ± 1.0 °C |
| Clinical reusability  | ±0.3°C  |
| Operating environment | Temperature 0 ~ 40 °C, relative humidity ≤85% Rh, air pressure 60-110Kpa          |

## NFC

|                  |                        |
|------------------|------------------------|
| Frequency        | 13.56 MHz              |
| Reading Distance | Within 30 mm           |
| Protocol         | ISO14443A/14443B/15693 |

## Input/output Ports

|          |                     |
|----------|---------------------|
| USB Port | 1 (Type-C USB port) |
|----------|---------------------|

## Accessories

|          |                       |
|----------|-----------------------|
| Standard | USB Cable, Hand strap |
| Optional | Power adapter         |



Logicode Pte Ltd

No 8 Ubi Road 2

#05-23 Zervex

Singapore 408538

Email: [sales@logicode.com.sg](mailto:sales@logicode.com.sg)

Website: [www.logicode.com.sg](http://www.logicode.com.sg)