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
- ♦ Intelligently sense ambient temperature, meeting all temperature measurement requirements in 0 ~ 40 ° C environment
- ♦ Built-in German Hyman thermopile sensor, accurate to ± 0.2 ℃, within ≤1s

➢ **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, improving operation efficiency
- ♦ NFC personnel access card, ID card + access card for quick verification and reading, meeting the requirements of a Visitor Management System

➢ **Wi-Fi data transmission + camera / video recording, with personnel information collection capabilities**

- ♦ Wi-Fi data transmission, timely and efficient information transmission and upload
- ♦ 8 MP HD camera, to capture barcode & QR code data, such as on ticketing or cards

➤ **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

♦ Enterprise-class Wi-Fi data communication

♦ Supporting Bluetooth 4.2 LE communication

♦ Slim design, weighing only 170g, making it easier on the user during hours of use

♦ Robust and reliable, meeting the drop standard of 1.5 metres high to a 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℃ ~ 60℃ (-4℉ ~ 140℉)
Storage Temp.	-40℃ ~ 60℃（-40℉ ~140℉）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 ℃ Object mode: 0 ~ 100 ℃
Resolution	0.01°C
Measurement accuracy	Normal mode 35 ℃ ~ 42 ℃ ± 0.2 ℃, other ranges ± 0.3 ℃ Object mode ± 1.0 ℃
Clinical reusability	±0.3℃
Operating environment	Temperature 0 ~ 40 ℃, 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

iData®

GLOBAL

CFI GLOBAL
39 Venture Drive
E-mail: sales@cfiglobal.com
Website: www.cfiglobal.com.au