



# iData 25T

## 2-in-1 Smart Thermometer

### Non-contact industrial temperature measurement

Contact-free infrared temperature measurement technology, intelligent sensing of the ambient temperature, temperature measurement time as short as 1 second; Accurate temperature measurement under 0~40°C environment/0~6cm distance, with an accuracy of  $\pm 0.2^{\circ}\text{C}$ , and multiple temperature measurement modes.

### Safe and efficient code scanning

Built-in 8 MP high-definition camera, high-speed decoding, support ID card scanning and recognition, reducing personnel contact; Dedicated scanning buttons, efficient operation, easy to respond to various scanning scenarios; physical keyboard input, effectively reducing misoperation.

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

Personnel information admission can choose multiple local / cloud storage schemes; Health code dedicated OS; pure syseem, exclusive APP, self-start after boot, data security is guaranteed.

### Long battery life

Standard 2700mAh lithium polymer safety battery, power saving mode design + Type-C fast charging, continuous working time up to 10 hours, delivers up to an impressive 14 hours of power.



### System Configuration

CPU	Quad-core 1.3 GHz
Operating System	Android 8.1 Go
Memory(ROM + RAM)	8GB + 1GB
Display	2.4 inch, 320*240 high resolution
Touch Panel	Capacitive touch panel
Camera	8 MP 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 $\pm 15$ kV air discharge, $\pm 8$ kV direct discharge

### Temperature detection parameters

Measurement method	Non-contact / infrared
Measuring distance	0~6cm
Response Time	$\leq 1$ S
Temperature Range	Normal mode: 32 ~ 42.9 °C Object mode: 0 ~ 100 °C
Resolution	0.01°C
Measurement accuracy	Normal mode 35 °C ~ 42 °C $\pm 0.2$ °C, other ranges $\pm 0.3$ °C Object mode $\pm 1.0$ °C
Clinical reusability	$\pm 0.3$ °C
Operating environment	Temperature 0 ~ 40 °C, relative humidity $\leq 85\%$ 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)
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### Accessories

Standard	USB Cable, Hand strap
Optional	Power adapter