

# iData T1 Mobile Computer

Extremely light, high performance



## ➤ "Thin" & "Tough"

- ◆ **Hand-held 5.5-inch (1440\*720 resolution) full-screen thin and light PDA**, 18:9 screen design ratio, support multi-task split screen operation;
- ◆ **Powerful protection**: 1.5 meters drop resistance, IP68 dust and water resistance, noise resistance, cold resistance and heat resistance, the screen is clearly visible under strong light, gloves & wet and dry hand touch.

## ➤ Professional functions, readily available

- ◆ **Full code scanning**: quick scanning + long-lasting scanning + wider scanning range;
- ◆ **Enterprise-grade Wi-Fi**: deep optimization, extremely fast roaming, and easy handling of more complex Wi-Fi scenarios;
- ◆ **Security recognition**: front and rear dual cameras support face recognition + fingerprint recognition;
- ◆ **One-touch PTT (push to talk)**: (customizable) Quickly realize "one-to-one" and "one-to-many" calls.

## ➤ Basic functions, better performance

- ◆ Android 10.0 OS • Octa 2.0GHz CPU • Memory optional 4GB RAM+64GB ROM/2GB RAM+16 GB ROM, maximum 6 GB RAM +128 GB ROM
- ◆ Full Netcom, dual card dual standby • BT5.0 • NFC • Double camera • 5000mAh large battery
- ◆ GPS/AGPS/BEIDOU/GALILEO/GLONASS/QZSS

## System Configuration

|                   |                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------|
| CPU               | Octa-core 2.0 GHz                                                                                                 |
| Operating System  | Android 10.0                                                                                                      |
| Memory(ROM+RAM)   | 16GB + 2GB (optional 32GB + 3GB /64GB + 4GB /128GB + 6GB)                                                         |
| Expansion Slot    | Micro SD card, up to 256 GB                                                                                       |
| Display           | 5.5 inch, 1440*720 high resolution, 18:9                                                                          |
| Touch Panel       | Industrial-grade capacitive panel (supporting operation with gloves)                                              |
| Camera            | 8MXP (optional 13MXP) autofocus camera in the back side, 5MXP autofocus camera in the front side, supporting PDAF |
| Keypad            | 2 side keys, Power key, total 3 keys                                                                              |
| Battery           | 3.8 V 5000mAh rechargeable lithium polymer battery                                                                |
| Charging          | Supporting Type-C cable charging                                                                                  |
| Notification      | Vibrator alerts/LED/Audio notification                                                                            |
| Vibration Motor   | Built-in programmable vibration motor                                                                             |
| Sensor            | G-Sensor                                                                                                          |
| Intercom function | (Optional) Support one-touch PTT call                                                                             |

## Structural Parameters

|                    |                         |
|--------------------|-------------------------|
| Dimensions (LxWxD) | 157mmx74mmx13.6mm       |
| Weight             | 230g (battery included) |

## Communication Transmission

|                                     |                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Wireless WAN<br>(Network frequency) | 2G: B2/B3/B5/B8<br>3G: WCDMA: B1/B5/B8 CDMA: BC0 TD-SCDMA:B34/B39<br>4G: FDD-LTE: B1/B3/B5/B7/B8/B20 TDD-LTE: B34/B38/B39/B40/B40 |
| Wireless WAN<br>(Data service)      | GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE                                                            |
| Wireless LAN                        | Wi-Fi 802.11a/b/g/n/r/ac (Dual-band Wi-Fi: 2.4G+5G)<br>Wi-Fi 5G PA amplifier                                                      |
| Bluetooth                           | Bluetooth 5.0 LE                                                                                                                  |
| GPS                                 | GPS/AGPS/BEIDOU/GALILEO/GLONASS/QZSS                                                                                              |

## Operating Environment

|                      |                              |
|----------------------|------------------------------|
| Development Tools    | Android SDK+ JDK + Eclipse   |
| Programming Language | Java                         |
| Operating Temp.      | -20°C ~ 60°C (-4°F ~ 140°F)  |
| Storage Temp.        | -40°C ~ 60°C (-40°F ~140°F ) |
| Relative Humidity    | 0 ~ 95% (non-condensing)     |

|                         |                                                                    |
|-------------------------|--------------------------------------------------------------------|
| Drop Specification      | 1.5-meter drops to concrete ground                                 |
| Sealing                 | IP68                                                               |
| Electrostatic Discharge | Conforms to $\pm 15$ kV air discharge, $\pm 8$ kV direct discharge |

## 2D Area Imager

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optical Resolution     | 3mil c39/128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Rotating angle of view | 360°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Scanning angle         | tilt $\pm 45^\circ$ , deflection $\pm 65^\circ$ , Rotate 360°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Recognition speed      | 20/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Laser safety level     | Class II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Image Resolution       | 844(H)×640(V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Image frame rate       | 60fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Light source system    | White light, laser aiming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Minimum print contrast | 20%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Supported Symbologies  | Aztec Code , Codabar , Codablock F , Code 11 , Code 128 , Code 2 of 5 , Code 39 , Code 93 , Data Matrix , EAN/JAN-13 , EAN/JAN 8 , EAN-UCC Composite Codes , EAN-UCC Emulation , IATA Code 2 of 5 , Interleaved 2 of 5 , Matrix 2 of 5 , MaxiCode , MicroPDF417 , MSI , PDF417 , Postal Codes ( Australian Post , British Post , Canadian Post , China Post , Japanese Post , Korea Post , Netherlands Post , Planet Code , Postnet ) , Plessey Code , PosiCode , QR Code , RSS Expanded , RSS Limited , RSS-14 , TCIF<br>Linked Code 39 , Telepen , Trioptic Code , UPC-A , UPC-E etc. |

## NFC

|                  |                        |
|------------------|------------------------|
| Frequency        | 13.56 MHz              |
| Reading Distance | Within 6 mm            |
| Protocol         | ISO14443A/14443B/15693 |

## Input/output Ports

|              |                                              |
|--------------|----------------------------------------------|
| USB Port     | 1(Type-C USB port), support Type-C headphone |
| Charger Port | 1(Back charging interface)                   |
| OTG          | Support                                      |

## Accessories

|          |                                      |
|----------|--------------------------------------|
| Standard | USB Cable, Hand Strap, Power adapter |
|----------|--------------------------------------|