# iData T2 Mobile Intelligent Terminal

## Light and thin screen, showing excellence

➤ **Over-large screen for convenient information reading and efficient input**

- The 6.21-inches water-drop full-screen answers to the eye fatigue problem, allowing for easy reading.

- 1520*720 ultra-high resolution presents ultra-clear display, ensuring unaffected work under strong light, thus avoiding troubles caused by sight problems;

- The industrial-grade capacitive touch screen supports touch-screen operations with gloves, wet and dry hands, allowing your employees to easily complete touch-screen operations in any environment.

➤ **Design for easy control**

- One-button intercom PTT allows more than 5000 people to access at the same time,over 15000 people to communicate online meanwhile. Employees can communicate with each other at any time while working and dealing with their tasks with convenience. Thanks to the1W high-power Speaker & exclusive sound cavity design allows employees to hear the prompt sound and scan sound in a noisy environment;

- The rear dual-camera design can facilitate employees to take pictures of goods and upload them, allowing quick transmission to the administrative staff; it also works with the face identification system to facilitate personnel management;

- The dual-SIM cards design allows free choice of the operator and SIM card, with the optimal signal to meet demands in various working environments;

- The standard back fingerprint identification allows quick identification and unlocking, improving the security of the device and data storage; What's more, it supports various fingerprint identification applications, which ensures that the device can be used only by special persons and facilitates control for the device.

➢ **High-level protection and long working hours**

♦ The IP67 protection level, two-color injection molding of the shell, hard rubber structure and soft rubber cushion add aesthetic and increase the resistance to the damage of falling down. The 1.5 meters altitude causes no damage to the function of the device, added by a prolonged service life. Employees can use it securely in any conditions;

♦ The combination of Android 11.0 and iData OS 3.0 makes a more stable, safer system with lower power consumption and longer working hours, which can meet the needs for a whole working shift and extend the life of the device.

♦ The fast charging design up to 18W allows quick charging, even if the device is out of power, it can be fully charged quickly. The 4500mAh detachable super-large battery allows your employees to replace the battery easily without the worries of battery life.

➢ **Efficient communication and rapid deployment**

♦ The transmission speed of USB3.0 interface, compared with USB2.0's, has increased by 1000%. With iData software, it can quickly transfer all data and settings of old device to the new. Employees can keep their original work habits and use it quickly, and can also realize efficient device replacement;

♦ Enterprise-level dual-band WiFi and high-performance 5G PA amplifier maximize the Wi-Fi performance and provide faster transmission in complex environments. No jamming problem when the device is in use, greatly improving device management efficiency, with iData's unique "MDM" device management system, which can reduce losses caused by poor management.

**Market application**

Retail
- Shelves shift
- Store inventory management
- Mobile cash register

Logistics
- Inventory management
- Signing and delivery

Manufacture

Health care

Public utilities

## System configuration

| | |
|---|---|
| Processor | octa-core 2.0GHz high-performance processor |
| Operating system | Android 11.0 |
| Memory (ROM + RAM ) | Standard configuration 64GB + 4GB, with other types: 16GB + 2GB / 32GB + 3GB/ 128GB + 6GB/ 256GB + 8GB |
| SIM | Two out of three SIM card slots, supporting dual SIM and dual standby |
| Display screen | 6.21-inches, resolution: 1520*720, HD water-drop screen |
| Touch screen | Industrial capacitive screen, supporting wet-hand operation/glove mode/multi-touch/gesture operation |
| Camera | 16 megapixels of rear camera+300,000 pixels of side camera, supporting auto-focusing, 5 megapixels of front camera |
| Flashlight | 800mA flashlight |
| Keyboard | Side: 2* Scan key, 1* Power key, 2* Volume key |
| Battery | 3.85V lithium battery, with 4500mAh, detachable |
| Audio | Built-in dual noise reduction microphone |
| Charging method | Type-C, bottom charging cable, supporting charging of 9V/2A, 5V/3A, 5V/2A |
| Tips | High-power speaker/vibration reminder/LED reminder/audio reminder |
| Fingerprint identification | Back fingerprint recognition |
| Vibrating motor | Built-in vibrating motor |
| Sensor | G-sensor, proximity sensor, light sensor, geomagnetic sensor, and gyroscope |
| Intercom function (optional) | Supporting one-button PTT calls |

## Structure parameters

| | |
|---|---|
| Dimensions (LxWxD) | 168mmx79mmx13.7mm |
| Weight | 245g(included battery) |

## Communication transmission

| | |
|---|---|
| WWAN (network frequency) | Domestic & Eurasian version: <br> 2G: B2/B3/B5/B8 <br> 3G: WCDMA:B1/B5/B8 <br> CDMA BC0 <br> TD-SCDMA:B34/B39 <br> 4G: FDD-LTE:B1/B3/B5/B7/B8/B20,TDD-LTE:B34/B38/B39/B40/B41 <br> America version: <br> 2G: B2/B3/B5 <br> 3G: B1/B2/B4/B5 <br> CDMA BC0/BC1(The United States) <br> 4G: B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41 |
| WWAN (data service) | GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA /TDD-LTE/FDD-LTE |
| WLAN function | Wi-Fi 802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v/w,Support fast roaming, Wi-Fi 5G PA amplifier |

| | |
|---|---|
| Bluetooth | Bluetooth 5.0 |
| GPS | GPS/AGPS/Glonass/BDS/Galileo /QZSS/GNSS |

### Service environment

| | |
|---|---|
| Supported language | Android standard interface, Java, secondary development SDK, API and DEMO |
| Working temperature | -20℃ - 60℃ |
| Storage temperature | -40℃ - 70℃ |
| Humidity | 0 - 95%(no moisture condensation) |
| Drop specification | Multiple drops to concrete floor from the height of 1.5m |
| Roller drop specification | 0.5m rolling of 500 rounds (equivalent to 1,000 impacts) |
| Protection level | IP67 |
| ESD protection | ±15KV (air discharge), ±8KV (contact discharge) |

### NFC (Optional)

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|---|---|
| Frequency | 13.56 MHz |
| Reading distance | Within 60 mm |
| Communication protocol | ISO14443A/14443B/15693 |

### Input/output interface

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|---|---|
| USB interface | One, Type-C, USB 3.0, with headset |
| Charging interface | 2pin charging interface |
| OTG interface | Supporting |

### Peripheral devices and accessories

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|---|---|
| Standard accessories | USB cable and hand strap |
| Optional accessories | Protective cover, single cradle, 4-slot cradle, bottom charging cable |

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