



# iData T1

Enterprise-level Smart Terminal

## Thin, durable and portable, multifunctional working assistant

iData T1 is a new generation of enterprise-level smart terminals, with similar appearance and touch feeling to smart phones. In addition, the performance and reliability of the device surpass smart phones and reach enterprise-level standards. Whether employees are in the warehouse or fieldwork outdoors, they can always rely on this portable multifunctional terminal.

### "Thin" yet "strong"

The 5.5-inch full-screen light and thin PDA can be held in one hand. The appearance and feel are similar to smartphones. With the help of the Android system, employees can start work without training. The 1.5-meter drop-resistant, IP68 dust-proof and waterproof, make the device ultra-rugged quality to survives accident drops and bad weather outdoors.

### Enterprise-level data collection capabilities

The powerful scanning engine can quickly capture almost any 1D/2D barcode, even if the barcode is damaged or contaminated. The 13-megapixel rear camera can clearly take photos of goods, receipt documents, etc.

### Improve team capabilities with enterprise-grade software

By using iTalk, employees can communicate via voice call with Wi-Fi network and connect your team efficiently. Enterprise-level scanning software iScan Pro and text recognition software iWord enables employees to scan multiple barcodes, and extract text from any forms quickly.



Store Management



Inventory management



E-commerce shipment



Production management

# T1 Technical Specifications

## System Configuration

|                                    |   |
|------------------------------------|---|
| Processor                          | Octa-core 2.0GHz high-performance processor   |
| Operating System                   | Android 10.0 (GMS)  |
| Memory (ROM+RAM)                   | 16GB + 2GB (standard), 64GB + 4GB (optional)  |
| SIM                                | Two out of three SIM card slots, support dual SIM and dual standby<br>* Two out of three SIM card slots: two cards can be held at the same time, Nano SIM card + Nano SIM card /Nano SIM card +TF card<br>Wi-Fi Only: SIM not available |
| Expansion Slot                     | Micro SD card (up to 256 GB)<br>Wi-Fi Only: Expansion slot not available  |
| Display Screen                     | 5.5-inch, resolution: 1440*720 pixels   |
| Touch Screen                       | Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation   |
| Camera                             | 13 megapixels of rear camera, 5 megapixels of front camera, support PDAF  |
| Flashlight                         | 800mA flashlight  |
| Keypad                             | 3 keypads in total: side scan key *2, side power key *1   |
| Battery                            | 3.85V lithium battery, with 5000mAh, undetachable   |
| Audio                              | Built-in dual microphone (noise-canceling microphone)   |
| Charging Method                    | Type-C charging and pin port charging, support 10W fast charging  |
| Reminder                           | Vibration reminder/LED reminder/Audio reminder  |
| Fingerprint Recognition (Optional) | Support back fingerprint recognition  |
| Vibrating Motor                    | Built-in vibrating motor  |
| Sensors                            | G-sensor/ Proximity sensor/Light sensor   |
| Intercom Function (Optional)       | Support one-button PTT calls  |

## Structure Parameter

|                   |                              |
|-------------------|------------------------------|
| Dimension (L*W*D) | 157mm*74mm*13.6mm            |
| Weight            | 230g (including the battery) |

## Environmental Parameter

|                           |   |
|---------------------------|---|
| Working Temperature       | -20°C - 60°C<br>*Do not charge under low temperature conditions for the safety concerns |
| Storage Temperature       | -40°C - 60°C (without the battery)  |
| Humidity                  | 0 - 95% (no moisture condensation)  |
| Drop Specification        | Multiple drops to concrete floor from the height of 1.5m                                |
| Roller Drop Specification | 1000 times of roller drops from a height of 0.5 meter                                   |
| Ingress Protection        | IP68  |
| ESD Protection            | ±15KV (air discharge), ±8KV (contact discharge)   |

## Accessories (More details in accessories guide)

|                      |  |
|----------------------|--|
| Standard Accessories | USB cable*1, hand strap *1, power adapter*1  |
| Optional Accessories | Single charging cradle, 4-slot charging cradle, fanny pack, protective case, protective film |

## Scanning Engine

|                        |  |
|------------------------|--|
| Barcode Type           | It can scan one-dimensional / two-dimensional barcodes |
| Scanning Accuracy      | ≥3.33mil   |
| Scanning Angle         | Pitch: ±60°; Skew: ±45°; Tilt: 360°                    |
| View Angle             | Horizontal: 44.3°, Vertical: 28.4°, Diagonal: 51°      |
| Motion Error Tolerance | 8m/s   |

## Communication Transmission

|                          |   |
|--------------------------|---|
| WWAN (Network Frequency) | 2G: B2/B3/B5/B8<br>3G: WCDMA: B1/B5/B8, CDMA&EVDO: BC0, TD-SCDMA: B34/B39<br>4G: FDD-LTE: B1/B3/B5/B7/B8/B20, TDD-LTE: B34/B38/B39/B40/B41<br>Wi-Fi Only: SIM not available |
| WWAN (Data Service)      | GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE<br>Wi-Fi Only: SIM not available   |
| WLAN Function            | Wi-Fi 802.11a/b/g/n/r/ac (2.4G + 5G dual-band Wi-Fi), support Wi-Fi 5G PA amplifier   |
| Bluetooth                | Bluetooth 5.0, support BLE  |
| GPS                      | GPS/AGPS/BDS/Galileo/GLONASS/QZSS   |

## NFC (Optional)

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

## Development Support

|                      |  |
|----------------------|--|
| Programming Language | Java   |
| Development API      | iScan API (Scanning Development Kits), Device API (Device Management/Configuration Development Kits), Android Standard Interface |
| Development Tool     | Eclipse/Android Studio   |

## Communication Interface

|               |                                   |
|---------------|-----------------------------------|
| USB Interface | Type-C (with headset function) *1 |
| OTG Interface | Support                           |

The information of iData products and software service may be subject to change without notice. Please contact your iData sales representative for the latest details.



Official Website

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## Each product comes with a pack of practical and cost-effective accessories

### USB Cable

Type-C to USB cable, 1m in length, support charging and data transmission



CHA-USBC-GNR

### Hand Strap

Wear on your wrist to carry the device, avoid accidental drops, and assure the safety of equipment



MNT-HS-GNR

### Power Adapter

Input voltage 100-240V, output 5V2A. Support plug types of China/Europe/UK/US/Australia, match with CHA-USBC-GNR

ps: you may have one of the power adapters



CHA-PWAD-GNR-5V2A-CN



CHA-PWAD-GNR-5V2A-EU



CHA-PWAD-GNR-5V2A-UK



CHA-PWAD-GNR-5V2A-US



CHA-PWAD-GNR-5V2A-AU

# T1 Optional Accessories for Charging

## Improve management efficiency of devices and operational level of enterprises

### Single Charging Cradle

Support charging for 1 main unit. Support plug types of China/Europe/UK/US/Australia

ps: you may have one of the power adapters

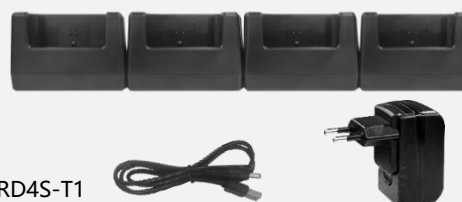


CHA-CRD1S-T1

### 4-slot Charging Cradle

Constituted by 4 CHA-CRD1S-T1, support maximum charging of 4 main units at the same time. Support plug types of China/Europe/UK/US/Australia

ps: you may have one of the power adapters



CHA-CRD4S-T1

## Improve device portability and comfort for users, boost working efficiency

### Fanny Pack

Used to carry main units and other accessories. Can be tied to the waist or used as a crossbody bag



MNT-FP-GNR

## Lower risks of malfunction during usage, extend lifespan of devices

### Protective Film

Protective film for touchscreen. It can protect the screen from cracking or being scratched in case there's any accidental drops or impact during usage



PRT-PTF-T1

### Protective Case

Protective case for the main unit. It can prevent the malfunction of main unit in case there's any accidental drops or impact during usage



PRT-PTC-T1

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