



iData T2

Large screen high-performance terminal

Designed for field work environment

iData T2 is a large screen high-performance terminal with 4G network, which assure a faster data transmission rate and low network delay. With the help of 6.21-inch large HD screen, the device interaction become much easier. T2 is the dedicated practical mobile terminal for staffs who work outdoors environment, such as large-scale ports, exhibition arenas, etc.

4G WAN, more jobs can be done quicker

4G WAN features faster data transmission which makes it better than general Wi-Fi. The users can enjoy smoother network experience outdoors even without Wi-Fi connection, they can make on-line calls, video calls, and data download, etc.

6.21" large HD screen, the efficiency increases dramatically

More information can be displayed within the large screen, which lowers the mistouch rate during interaction with APPs. The efficiency of workers increase significantly in both reading or information input.

Powerful performance, ultra-long product lifespan

Equipped with octa-core 2.0GHz processor and 64GB(ROM)+4GB(RAM), T2S not only runs faster to support multitasking demand, but also assures a longer lifespan to survive product upgrade for future business.



Receiving and
delivery



Meter-reading
management



Ticketing
management



Mobile
law-enforcement

T2 (4G) Technical Specifications

System Configuration

| | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor | Octa-core 2.0GHz high-performance processor |
| Operating System | Android 12.0 (GMS) |
| Memory (ROM+RAM) | 64GB + 4GB (standard) |
| SIM | Two out of three SIM card slots, support dual SIM and dual standby * 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 |
| Expansion Slot | Micro SD card (up to 256 GB) |
| Display Screen | 6.21-inch, resolution: 1520*720 pixels |
| Touch Screen | Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation |
| Camera | 16 megapixels rear camera + 0.3 megapixels sub-camera, support auto-focus/PDAF, 5 megapixels front camera |
| Flashlight | 800mA flashlight |
| Keypad | 5 keypads in total: side scan key *2, side power key *1, side ±volume key *2 |
| Battery | 3.85V lithium battery, with 4500mAh, detachable 3.85V lithium battery, with 4200mAh, detachable, support NFC |
| Audio | Built-in dual microphone |
| Charging Method | Type-C charging and pin port charging, support 18W fast charging |
| Reminder | High-power speaker/Vibration reminder/LED reminder/Audio reminder |
| Fingerprint Recognition | Support back fingerprint recognition |
| Vibrating Motor | Built-in vibrating motor |
| Sensors | G-sensor/Proximity sensor/Light sensor/Geomagnetic sensor/Gyroscope |
| Intercom Function (Optional) | Support one-button PTT calls |

Structure Parameter

| | |
|-------------------|------------------------------|
| Dimension (L*W*D) | 168mm*79mm*13.7mm |
| Weight | 245g (including the battery) |

Environmental Parameter

| | |
|---------------------------|-----------------------------------------------------------------------------------------|
| Working Temperature | -20°C - 60°C *Do not charge under low temperature conditions for the safety Concerns |
| Storage Temperature | -40°C - 70°C |
| 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 | IP67 |
| ESD Protection | ±15KV (air discharge), ±8KV (contact discharge) |

Communication Interface

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

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) | China & Eurasian version: 2G: 900/1800 3G: WCDMA: B1/B8 4G: FDD-LTE: B1/B3/B7/B8/B20, TDD-LTE: B34/B38/B40 American version: 2G: B2/B3/B5 3G: B1/B2/B4/B5, CDMA&EVDO: BC0/BC1 (U.S.) 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 802.11a/b/g/n/r/ac (2.4G + 5G dual-band Wi-Fi), support fast roaming |
| Bluetooth | Bluetooth 5.0 |
| GPS | GPS |

NFC (Optional)

| | |
|------------------------|------------------------|
| Working Frequency | 13.56 MHz |
| Reading Distance | Within 60 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 |

Accessories (More details in accessories guide)

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

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

Device-back Strap

Attach on the device back to help you hold the device easily and firmly, avoid accidental drops



MNT-BS-T2

Battery

4500mAh, detachable design.

4200mAh, detachable design, support NFC

ps: every product comes with 1 unit, you can purchase extra unit



CHA-BTRY-T2-4500MA

CHA-BTRY-T2-4200MA

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

Improve management efficiency of devices and operational level of enterprises

Bottom Charger

Bottom charger for the main unit, support charging for 1 device. USB-A port, can connect with CHA-PWAD-GNR-5V2A-XX accessory



CHA-BTC-T2

Battery

4500mAh, detachable design.
4200mAh, detachable design, support NFC
ps: every product comes with 1 unit, you can purchase extra unit



CHA-BTRY-T2-4500MA CHA-BTRY-T2-4200MA

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-T2

4-slot Charging Cradle

Constituted by 4 CHA-CRD1S-T2, 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-T2

4-slot Battery Charging Cradle

Support maximum charging of 4 batteries at the same time. Support plug types of China/Europe/UK/US/Australia
ps: you may have one of the power adapters



CHA-CRD4B-T2

T2 Optional Accessories for Portability

Accessories Guide

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

T2 Optional Accessories for Protection

Accessories Guide

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-T2

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-T2

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