

iData T5

High performance handheld mobile terminal

Powerful performance, capable of handling high-intensity operational requirements

iData T5, with its powerful core performance and comprehensive hardware configuration, enables devices to perform complex tasks such as data collection and task management effectively in various demand scenarios; Paired with iData high-performance scanning engine, the device can efficiently and accurately collect one-dimensional and two-dimensional codes of various code systems; A detachable battery+backup solution has been designed to meet the endurance requirements for continuous operations, allowing the equipment to replace batteries without shutting down, ensuring the consistency of operations.

Powerful performance, easy to deal with complex tasks comprehensively

Using high-performance octa-core CPU and larger memory and flash configurations to provide powerful processing performance; Paired with the latest Android 15.0 AER, frontline workers can enjoy the same user experience as mainstream smartphones; In terms of professional operation, it also allows workers to pre-install and run more professional programs, easily supporting more businesses and becoming excellent and portable mobile processing terminals.

Scanning performance has been further improved, making scanning tasks more versatile

Using iData's latest generation scanning engine, it can quickly capture almost any one-dimensional/two-dimensional barcode; High performance scanning heads have excellent scanning angles and accuracy, which can broaden more complex work scenarios; The scanning head design on the top allows workers scan and view information easily.

Longer battery life and more stable safety protection

The newly upgraded 5100mAh detachable battery design, combined with backup power support, greatly improves the device 's endurance. The device can be replaced with a new battery without shutting down and continue to be used; Equipped with IP67 protection rating and excellent drop protection, the device can provide stable and durable operation in various environments.



Store management



Inventory management



E-commerce shipment



Production management

*Due to limitations in the testing environment and Antutu version, specific benchmark data will be based on actual testing

T5 Technical Specifications

System Configuration

| | |
|------------------------------|--|
| Processor | Octa-core 2.4 GHz high-performance processor |
| Operating System | Android 15.0 AER |
| Memory (ROM+RAM) | 64GB + 6GB (standard), 128GB + 8GB (optional) |
| SIM | Select two out of three available SIM card slots, support dual SIM and dual standby * two cards can be inserted at the same time, Nano SIM card + Nano SIM card /Nano SIM card +TF card |
| Expansion Slot | Micro SD card (up to 512GB) |
| Display Screen | 6 inches, resolution: 1440*720 pixels, IPS(standard) 6 inches, resolution: 2160*1080 pixels, IPS(optional) |
| Touch Screen | Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch |
| Camera | 16MP rear camera, support auto-focus/PDAF, 8MP front camera |
| Flashlight | 1A flashlight |
| Keypad | 6 keys in total: side scan key *2, side power key *1, volume key*2, custom key*1 |
| Battery | 3.87V lithium battery, with 5100mAh, detachable, backup battery(optional) |
| Audio | Built-in dual microphone (noise-canceling microphone) |
| Charging Method | Type-C charging and pin port charging, support 18W fast charging |
| Reminder | Vibration reminder/LED reminder/Audio reminder |
| Vibrating Motor | Built-in vibrating motor |
| Sensors | Standard: G-sensor/ Proximity sensor/Light sensor; Optional: Gyroscope/geomagnetic sensor/high-precision barometer |
| Intercom Function (Optional) | Support one-button PTT calls |

Structure Parameter

| | |
|-------------------|--|
| Dimension (L*W*D) | 163mm*77.7mm*14.95mm (thickest part: 17.8mm) |
| Weight | 290g (including the battery) |

Environmental Parameter

| | |
|---------------------------|--|
| Working Temperature | -20°C - 60°C <small>*Do not charge under low temperature conditions for the safety concerns</small> |
| 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 | 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: B2/B3/B5/B8 3G: WCDMA: B1/B2/B5/B6/B8/B19 CDMA 1X EVDO BC0 4G: FDD-LTE: B1/B2/B3/B5/B7/B8/B18/B19/B20/B28AB/B66 TDD-LTE: B34/B38/B39/B40/B41(200M)/B42/B43 5G: N1/N3/N5/N7/N8/N20/N28/N38/N41(PC2)/N66/N77/N78/N79 |
| | American version: 2G: B2/B3/B5/B8 3G: B1/B2/B4/B5 CDMA 1X EVDO BC0/BC1 4G: FDD-LTE: B1/B2/B4/B5/B7/B12/B13/B17/B25/B26/B66/B71 TDD-LTE: B38/B41(200M) 5G: N2/N5/N7/N12/N13/N25/N26/N38/N41/N48/N66/N70/N71/N77/N78/N79 * E-SIM Supported(Optional) |
| WWAN (Data Service) | GSM/GPRS/EDGE/UMTS/HSPA/HSPA+/WCDMA/TDD-LTE/FDD-LTE/SA/NSA/Sub6 |
| WLAN Function | Wi-Fi 6 Wi-Fi 802.11 a/b/g/n/r/ac/ax/d/e/h/i/j/k/v/w 2.4G+5G, support fast roaming |
| Bluetooth | Bluetooth 5.2, support BLE |
| GPS | GPS/AGPS/BDS/Galileo/GLONASS/QZSS |

NFC (standard)

| | |
|------------------------|------------------------|
| Working Frequency | 13.56 MHz |
| Reading Distance | Within 60 mm |
| Communication Protocol | ISO14443A/14443B/15693 |

Development Support

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|----------------------|--|
| 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

| | |
|----------------------|--|
| Standard Accessories | USB cable*1, back strap *1, power adapter*1, battery*1 |
| Optional Accessories | 2-in-1 charging cradle, Handle grip, 4-slot terminal charger, 4-slot battery charging cradle, protective case, protective film |

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

Device-back Strap

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



MNT-BS-T5

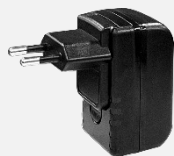
Power Adapter

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

Battery

5100mAh, detachable design. Standard: GB31241-2022

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



CHA-BTRY-T5-5100MA

2-in-1 Charging Cradle

Support maximum charging of 1 main unit+1 battery at the same time. Match with multifunctional 5-slot base. Support plug types of China/Europe/UK/US/Australia



CHA-BTC21-T5

4-slot Charging Cradle

Support maximum charging of 4 main units at the same time.

Support plug types of China/Europe/UK/US/Australia



CHA-CRD4S-T5

4-slot Battery Charging Cradle

Support maximum charging of 4 batteries at the same time. Support

plug types of China/Europe/UK/US/Australia



CHA-CRD4B-T5

T5 Optional Accessories for Portability

Accessories Guide

Improve device portability and comfort for users, boost working efficiency

Pistol Grip

Pistol grip for main unit. Execute barcode scanning by pressing the grip trigger. Only those main units with pin port on the back are compatible



MNT-PG-T5

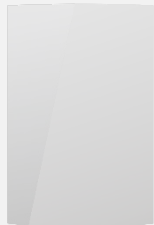
T5 Optional Accessories for Protection

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-T5

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



Right angle: PRT-PTC-T5