iData T3
Enterprise-level Smart Terminal

Upgrade leading-edges of enterprise workers

iData T3 will be the ultimate terminal that your frontline employees are longing for. It provides a better service to your clients and an intuitive user experience as any smartphone that your workers can simply apply to work without any training. The performance of enterprise-level standards makes T3 competent for long working hours, which enables your workers to become more capable at work.

Easy-to-easy, quick access to business support

Equipped with industry-leading Android 11.0, the front-line workers can enjoy user experience as any mainstream smartphone. The 5.5-inch HD screen provides plenty of space for the interaction of reading and touch control. The memory and flash memory becomes larger so that more pre-installation can be fulfilled and more program can be run.

Enterprise-level data collection capabilities

The powerful scanning engine can quickly capture almost any 1D/2D barcode. The 13-megapixel rear camera can clearly take photos of goods, receipt documents, etc. The NFC reader is designed to read all kinds of cards, including ID cards, and membership cards, etc.

Designed to survive long working hours outdoors

Working outdoors without sufficient battery support might result in work delay. T3 adopts a big battery of 4650mAh to meet the need of an entire shift. The battery can be replaced under a hot-plugging mode so that you can work continuously.

Store Management   Inventory management   Receiving and Delivery   Production management

T3 Technical Specifications

System Configuration

Processor	Octa-core 2.0GHz high-performance processor
Operating System	Android 11.0
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	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 rear camera, support auto-focus; 2 megapixels front camera
Flashlight	1A high brightness flashlight
Keypad	5 keypads in total: scan key *2, power key *1, volume key*2
Battery	4.35V lithium battery, with 4650mAh, detachable, back-up battery support
Audio	Built-in dual microphone
Charging Method	Type-C charging, support 9V/2A fast charging
Reminder	Vibration reminder/LED reminder/high power speaker
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)	162.2mm*78.5mm*15mm
Weight	258g (including the battery)

Environmental Parameter

Working Temperature	-20℃ - 50℃ *Do not charge under low temperature conditions for the safety Concerns
Storage Temperature	-40℃ - 70℃
Humidity	0 - 95% (no moisture condensation)
Drop Specification	Multiple drops to concrete floor from the height of 1.5m
Ingress Protection	IP65
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	4-slot charging cradle, fanny pack, 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 3G: WCDMA: B1/B5/B8, CDMA&EVDO: BC0, TD-SCDMA: B34/B39 4G: FDD-LTE: B1/B3/B5/B7/B8/B20, TDD-LTE: B34/B38/B39/B40/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 Wi-Fi 5G PA amplifier
Bluetooth	Bluetooth 5.0, support BLE
GPS	GPS/AGPS/BDS/Galileo/GLONASS/QZSS

NFC (Standard)

Working Frequency	13.56 MHz
Reading Distance	Within 35 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

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 |

Improve management efficiency of devices and operational level of enterprises

4-slot Battery Charging Cradle

Support charging for 4 batteries. Support plug types of China/Europe/UK/US/Australia
ps: you may have one of the power adapters as above
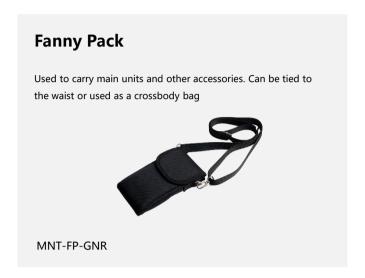
CHA-CRD4B-T3

Battery

4650mAh, detachable design
 ps: every product comes with 1 unit, you can purchase extra unit

CHA-BTRY-T3-4650MA

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-T3

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.

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