iData T3 Pro

New Generation Enterprise-level Smart Terminal

Dedicated to the improvement of express delivery workers' efficiency

Express delivery workers are always longing for a high-performance terminal to take over the place of their smartphones to work more efficiently. iData T3 Pro, as the new generation of enterprise-level intelligent terminal designed specifically for them. It features superior performance and is easily operated, empowering frontline employees with more substantial support. With efficient scanning and decoding capabilities, it can enhance the efficiency of express operations. Compared to the smartphone, the stronger battery life and protection make T3 Pro more competent to meet long-hour working requirements.

Powerful core and memory to provide support

The high-performance 8-core 2.2GHz processor was built on a 6nm process, making the benchmark score up to 380,000 points, and smooth multitasking operation can be realized. It supports the latest Android 12.0, the frontline workers can enjoy the user experience of mainstream smartphones. With larger memory and storage capacity, workers can pre-install and run more applications to access business support.

High-performance abilities to increase efficiency

The new generation self-developed scan engine captures almost all 1D/2D barcodes. The decoding efficiency is enhanced with the help of high performance GPU support. Equipped with 13 MP rear camera, it can take high quality pictures of goods, receipts, etc.

Enterprise-level support for all employees

The large-volume 5000mAh battery is designed to survive a whole day's operation from collecting parcels to finishing the delivery; When the battery is low, the device can be put to work immediately after replacing the battery without shutting off the device. Furthermore, the rugged protection lowers the risk of device failure if accidental drops occur.

| Parcel collecting | Express management | Receiving and delivery | Parcel pick-up station management |

T3 Pro Technical Specifications

System Configuration

Processor	Octa-core 2.0GHz high-performance processor
Operating System	Android 13.0 GMS
Memory (ROM+RAM)	64GB + 4GB (standard), 128GB+6GB (optional)
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 2 TB)
Display Screen	5.5-inch, resolution: 1440*720 pixels IPS HD screen
Touch Screen	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation
Camera	13 megapixels rear camera, support PDAF; 5 megapixels front camera
Flashlight	1A high brightness flashlight
Keypad	5 keypads in total: scan key *2, power key *1, volume key*2
Battery	4.4V lithium battery, with 5000 mAh, 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/Gyroscope/High-precision barometer/Electronic compass
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	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)	2G: B2/B3/B5/B8 3G: WCDMA:B1/B2/B5/B8, TD-SCDMA:B34/B39 4G: FDD-LTE:B1/B3/B5/B7/B8, TDD-LTE:B34/B38/B39/B40/B41
WWAN (Data Service)	GSM/GPRS/EDGE/UMTS/HSPA/HSPA+/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 (dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 5.2, support BLE
GPS	GPS/GlONASS/BDS/AGPS/Galileo/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

Accessories (More details in accessories guide)

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

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
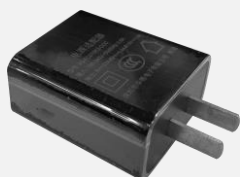
MNT-HS-GNR

Power Adapter

Fast charging power adapter, 100-240V wide voltage input, 9V2A output, supports Chinese standard, used together with CHA-USBC-GNR

ps: you may have one of the power adapters as above

CHA-PWAD-GNR-9V2A-CN

Battery

5000 mAh, detachable design

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

CHA-BTRY-T3 Pro-5000MA

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-T3

Battery

5000 mAh, detachable design

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

CHA-BTRY-T3 Pro-5000MA

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-T3

4-slot Charging Cradle

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-T3

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

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-T3