iData i3 Pro

Lightweight Professional Smart Terminal

Portability upgraded again, enhancing the order fulfillment of warehouse and logistics workers

iData i3 Pro is a new generation lightweight professional smart terminal that inherits the compact and portable features of iData i3. This device empowers workers to perform barcode scanning with ease while engaging in activities such as handling, sorting, and item placement. With its removable battery design, the device is capable of continuous, uninterrupted operation, meeting the demands of long-shift requirements in the warehouse and logistics industry. The superior scanning engine and user-friendly scanning tilt angle design further enhance the order fulfillment capabilities.

Lightweight and Portable with Outstanding Ergonomic Design

Only 238g in weight, the device features a lightweight shell and a streamlined fluted design on the back, making it easy to grip while engaging in activities such as handling, sorting, and item placement. The separated button design significantly reduces the accidental button pressing, ensuring a smoother workflow.

Optimized Scanning Tilt Angle for Enhanced Efficiency in Warehouse and Logistics Operations

Equipped with the latest self-developed scanning engine by iData, the device boasts an extended scanning distance (up to 120cm for 20mil barcode scanning) and faster decoding speed (up to 300+/min), greatly improving scanning efficiency. The unique 27° scanning tilt angle design makes it easier for warehouse and logistics workers to scan barcode information on goods, shelves, and express boxes as well as confirming details, thereby enhancing overall operational efficiency.

Durable and Sturdy, Effectively Reducing Downtime Risks

With a 1.5-meter drop resistance, the device addresses the concerns about collisions and drops during handling and sorting tasks, reducing the risk of downtime due to malfunctions. Featuring a 3000mAh removable battery, the device can work non-stop by replacing the battery when running low, making it competent to work in long-shift scenarios.

E-commerce shipment

Item placement & sorting

Inbound management

Inventory management

i3 Pro Technical Specifications

System Configuration

Processor	Quad-core 2.0GHz high-performance processor
Operating System	Android 11.0 (GMS)
Memory (ROM+RAM)	32GB + 3GB (standard), 64GB+4GB(optional)
SIM	Single SIM card
Display Screen	3.2-inch, resolution: 800*480 pixels
Touch Screen	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch
Camera	8 megapixels rear camera (optional 13 megapixels), support auto-focus
Flashlight	800mA flashlight
Keypad	25 keypads in total: front key *21, side scan key *2, side power key *1, side custom key * 1
Battery	3.85V lithium battery, with 3000mAh, detachable；Execution standard: GB31241-2022
Audio	Built-in microphone
Charging Method	Type-C charging, support 18W fast charging
Reminder	High power speaker reminder/vibration reminder/LED reminder/Audio reminder
Vibrating Motor	Built-in vibrating motor
Sensors	G-sensor
Intercom Function (Optional)	Support one-button PTT calls

Structure Parameter

Dimension (L*W*D)	166mm*54mm*23.9mm
Weight	238g (battery included)

Environmental Parameter

Working Temperature	-20°C - 55°C *Do not charge in low temperature conditions
Storage Temperature	-40°C - 70°C (battery exclusive)
Humidity	0 - 95% (no condensation)
Drop Specification	Multiple drops resistance from the height of 1.5m
Ingress Protection	IP54
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/B5/B8 4G：FDD-LTE：B1/B3/B5/B7/B8/B20，TDD-LTE：B34/B38/B39/B40/B41 American version: 2G：B2/B3/B5 3G：B1/B2/B4/B5 4G：B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41
WWAN (Data Service)	GSM/GPRS/EDGE/UMTS/HSPA/HSPA+/WCDMA/TDD-LTE/FDD-LTE
WLAN Function	Wi-Fi 802.11 a/b/g/n/r/ac (2.4G+5G dual-band Wi-Fi), support fast roaming
Bluetooth	Bluetooth 5.0, support BLE
GPS	GPS/AGPS/BDS/Galileo/GLONASS/QZSS

NFC (Optional)

Working Frequency	13.56 MHz
Reading Distance	Within 20 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

Standard Accessories	USB cable*1, hand strap *1, power adapter*1, battery *1
Optional Accessories	Power adapter (fast charging), 2-in-1 charging cradle, 4-slot battery charging cradle, multifunctional 5-slot cradle, hand strap, protective film, protective case

Official Website

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
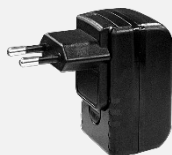
MNT-HS-GNR

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
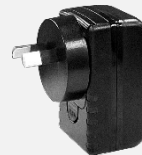
| CHA-PWAD-GNR-5V2A-CN | CHA-PWAD-GNR-5V2A-EU | CHA-PWAD-GNR-5V2A-UK | CHA-PWAD-GNR-5V2A-US | CHA-PWAD-GNR-5V2A-AU |

Battery

3000mAh, detachable design. Standard: GB31241-2014

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

CHA-BTRY-i3 Pro-3000MA

Improve management efficiency of devices and operational level of enterprises

Battery

3000mAh, detachable design.

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

CHA-BTRY-i3 Pro-3000MA

Power adapter (fast charging)

Fast charging power adapter, 100-240V wide voltage input, 9V2A output, match with CHA-USBC-GNR

CHA-PWAD-GNR-9V2A-EU

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-i3 Pro

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-i3 Pro

Multifunctional 5-slot Cradle

Support maximum charging of 5 units of 2-in-1 charging cradle/4-slot battery charging cradle at the same time.

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

ps: you may have one of the power adapters

CHA-MCRD5S-GNR

Improve device portability and comfort for users, boost working efficiency

Hand Strap

Wear on your wrist to carry the device, avoid accidental drops, and assure the safety of equipment
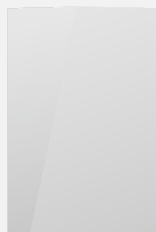
MNT-HS-i3 Pro

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 is any accidental drops or impact during usage

PRT-PTF-i3 pro

Protective Case

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

PRT-PTC-i3 pro

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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