iData i3

Lightweight smart terminal

Innovative portability, empower unconnected workers

Nowadays, PDA works not only in warehousing, logistics industries, but also helps workers in all kinds of industries to boost their efficiency. More and more workers who works in apparel stores, libraries, and convenient stores, are able to connect to the digital world by a small portable device, their productivity would eventually benefit from the interconnection.

Innovative portability makes the operation more comfortable

Only 178g in weight, i3 has developed its portability as a keyboard/touch control smart terminal to a new lightweight level. The workers who use it to work in fulfillment or inventory won't feel tired after a long time holding by hands, the cylindrical housing design makes it even more comfortable.

Small size but versatile for all kinds of business

Small as it is, i3 is a multifunctional device that can scan, take photos and equipped with 4G network, Wi-Fi and Bluetooth. The workers can apply i3 to inventory, order fulfillment, and take photos as proof, etc. Besides, i3 also enables them to talk to each other through voice communication, increasing the collaboration of a whole team.

Compact but durable, lower your cost due to malfunction

With the help of IP54 protection and 1.5m anti-drop, i3 can survive many accidental drops, impact, or water splash. The workers can work confidently with i3 in any working environment, and the company won't suffer loss due to malfunction.

| Shelving and Removal | Mobile cashier | Inbound management | Inventory management |

i3 Technical Specifications

System Configuration

Processor	Quad-core 2.0GHz high-performance processor
Operating System	Android 10.0/Android 11.0
Memory (ROM+RAM)	16GB + 2GB (standard), 32GB+3GB/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/gesture operation
Camera	8 megapixels rear camera(optional 13 megapixels), support auto-focus
Flashlight	800mA flashlight
Keypad	24 keypads in total: front scan key *21, side scan key *2, side power key *1
Battery	3.85V lithium battery, with 3000mAh, undetachable
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)	158mm*54mm*18.5mm
Weight	178g (including the battery)

Environmental Parameter

Working Temperature	-20℃ - 60℃ *Do not charge under low temperature conditions for the safety Concerns
Storage Temperature	-40℃ - 70℃ (without the battery)
Humidity	0 - 95% (no moisture condensation)
Drop Specification	Multiple drops to concrete floor 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, CDMA&EVDO: BC0, TD-SCDMA: B34/B39 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/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, 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 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
Optional Accessories	Fanny pack, 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

WUXI IDATA TECHNOLOGY COMPANY LTD.

Address: Floor 11, Building B1, Wuxi (Binhu) National Sensing Information Center, No.999 Gaolang East Road, Wuxi City,Jiangsu Province ,P.R.C.

E-mail: sales@idataglobal.com

Website: www.idataglobal.com

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-i3

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

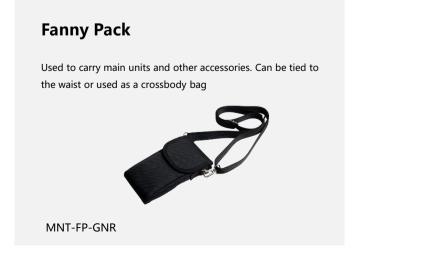| CHA-PWAD-GNR-5V2A-CN	CHA-PWAD-GNR-5V2A-EU	CHA-PWAD-GNR-5V2A-UK	CHA-PWAD-GNR-5V2A-US	CHA-PWAD-GNR-5V2A-AU

Improve 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 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-i3

Official Website

WUXI IDATA TECHNOLOGY COMPANY LTD.
Address: Floor 11, Building B1, Wuxi (Binhu) National Sensing Information Center,
No.999 Gaolang East Road, Wuxi City,Jiangsu Province ,P.R.C.
E-mail: sales@idataglobal.com
Website: www.idataglobal.com