



# 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.













# i3 Technical Specifications

#### System Configuration

Processor	Quad-core 2.0GHz high-performance processor
Operating System	Android 10.0
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	In dustrial capacitive screen, support wet-hand operation/glove mode/multi-touch
Cam era	8 megapixels rear camera(optional 13 megapixels), support auto- focus
Flashlight	800mA flashlight
Keypad	24 keypadsin total: front key *21, side scan key *2, side power key *1 $$
Battery	3.85V lithium battery, with 3000m Ah, undetachable
Audio	Built-in microphone
Charging Me tho d	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 on e-button PTT calls

#### Structure Parameter

Dimension (L*W*D)	158mm *54m m*18.5m m
Weight	178g (including the battery)

#### **Environmental Parameter**

Working Temp era ture	-20°C - 60°C *Do not charge under low temperature conditions for the safety Concerns
Storage Temperature	$-40^{\circ}\text{C}$ - $70^{\circ}\text{C}$ (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 head set function) *1
OTG Interface	Support

#### Scanning Engine

Barcode Type	It can scan one-dimensional / two-dimensional barcodes
Scanning Accuracy	≧3.33mil
Scanning Angle	Pitch: $\pm 60^{\circ}$ ; Skew: $\pm 45^{\circ}$ ; Tilt: $360^{\circ}$
View Angle	Horizontal: $44.3^{\circ}$ , Vertical: $28.4^{\circ}$ , Diagonal: $51^{\circ}$
Motion Error Tolerance	8m/s

#### Communication Transmission

WWAN (Ne twork Frequency)	China & Eurasian version 2G: 82/83/85/88 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: 82/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	$802.11\ a/b/g/n/ac/d/e/h/i/j/k/r/v/w$ RF: 20/40/80 MHz bandwidth (2.4G Hz + 5GHz dual-band Wi-Fi), support fast roaming
Blue tooth	Blue tooth 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

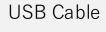
#### Accessories (More details in accessories guide)

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.



## Each product comes with a pack of practical and cost-effective accessories



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

# i3 Optional Accessories for Portability

Accessories Guide

## 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



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