iData i2

Lightweight touch control smart terminal

Connect store associates, provide excellent customer service

Store associates who serve customers closely are longing for a compact smart device to help them with various working process, such as offering considerate customer service, inquiring product information, and voice chatting with team members, and addressing concerns of customers. This will not only provide our customers with better shopping experience, but also contribute to the sales revenue increase.

The portability of multiple mounting ways improves efficiency

Only 140g in weight. The accessories, including neck strap, arm mount and retractable buckle make it more portable and convenient. The working efficiency would be increased due to the improved portability while providing customer service, store replenishment, and inventory, etc.

Connect store associates to optimize the collaboration as a team

The shop associates can call someone to help address customer's concerns by voice communication, inform colleagues in the warehouse to prepare the products that customers need, or request colleagues to follow up customers in other areas. These make collaboration smoother as a team and customer would be more satisfied.

Multiple trending color options, upgrade the image of the store

The store decoration and the uniform of associates represent the image of the store. With multiple trending color options of i2, you can pick one that matches with your store, so that the first impression would be consistent and convincing to the customer.

Store inventory Management

Packing and Double-confirm

E-price tag Binding

Mobile Cashier

i2 Technical Specifications

System Configuration

Processor	Quad-core 2.0GHz high-performance processor
Operating System	Android 10.0
Memory (ROM+RAM)	16GB + 2GB (standard)
SIM	Single SIM card
Display Screen	3.5-inch, resolution: 1440*720 pixels
Touch Screen	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation
Camera	8 megapixels rear camera, 5 megapixels front camera, support auto-focus
Flashlight	800mA flashlight
Keypad	6 keypads in total: front scan key *1, side scan key *2, side power key *1, side volume key*2. support virtual key
Battery	3.85V lithium battery, with 2000mAh, undetachable
Audio	Built-in microphone
Charging Method	Type-C charging and pin port charging, support 15W fast charging
Reminder	High power speaker reminder/vibration reminder/LED reminder/Audio reminder
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)	117mm*58mm*15.9mm
Weight	140g (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	IP65
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 30 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	Single charging cradle, bottom charger, 4-slot charging cradle, retractable buckle, arm mount, hanging cradle, iRing, protective film

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
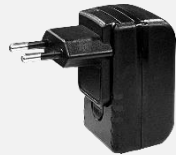
MNT-HS-GNR

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

Bottom Charger

Bottom charger for the main unit, support charging for 1 device. USB-A port, can connect with CHA-PWAD-GNR-5V2A-XX accessory

CHA-BTC-i2

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-i2

4-slot Charging Cradle

Constituted by 4 CHA-CRD1S-i2, 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-i2

CDG Computer Peripheral and Supplies Ltd.

244 Soi Pattanakarn 53, Pattanakarn, Suanluang, Bangkok 10250 Thailand
Tel : (66) 0-2322-9535, 0-2722-4040 Fax : (66) 0-2322-7990
www.cps.co.th • www.facebook.com/cps.co.th

@cps.co.th

Improve device portability and comfort for users, boost working efficiency

Retractable Buckle

A retractable hanging strap for the main unit; Can be tied to the waist and be retracted after finishing scanning.

MNT-RB-i2

Hanging Cradle

Constituted by neck strap and a main unit cradle. You can wear it while scanning.

MNT-HC-i2

Arm Mount

The main unit can be mounted on your arm or shoulder. Can be matched with MNT-IR-i2, convenient for scanning

MNT-AM-i2

iRing

Bluetooth ring. Can trigger scanning of main unit. Can be matched with MNT-AM-i2, convenient for scanning

MNT-IR-i2

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-i2