



# iData i2

## Small size, big innovation

### Breakthrough in size design, a redefinition of lightweight smart terminal

The weight is as low as 140 g, which is less than half the weight of other devices, and you can enjoy barcode scanning, wireless connection and other functions; All these functions are integrated into a lightweight device that can be operated with a single hand.

### Support multiple ways to do your scanning

The device could be hung, held by hands or bound to the shoulder belt for data collecting. You could handle all kinds of situations at ease; Equipped with an industrial-grade scanning engine, either one-dimensional or two-dimensional code can be read within seconds, which significantly helps improve your efficiency.

### Large screen with touch control design

In the premise of compact design, we manage to equip the device with a large screen of 3.5, which enables you to read the information clearly and easily; Unique industrial-grade capacitive screen allows you to control the device by touching, either you are using a wet or gloved hand.

### iTools kits could meet all your needs for software tools

We have crafted dozens of software, including device safety, management, data collecting, and data communication etc., which upgrade the device experience to a higher level; iScan Pro can offer you an excellent scanning experience, increasing your scanning speed by 40%, while scanning power consumption is reduced by 50%, which is of great help in your daily work.



### Main application areas



Smart retail



Mobile medical



Medicine administration



Asset management



Smart transportation

## System configuration

Processor	Quad-core 2.0 GHz
Operating system	Android 10.0
Memory (ROM+RAM)	16GB+2GB (standard)
SIM	Single SIM card
Display screen	3.5-inch, resolution: 1440*720 pixel
Touch screen	Industrial capacitive screen, supporting wet hand operation/-multi-touch + gesture operation
Camera	Rear 8 million pixel camera, front 5 million pixel camera, support auto focus
Flashlight	800mA flashlight
Keyboard	Total 6 keys, front scan*1, side scan key*2, side power key*1, Lithium
Battery	Battery 3.85V power supply, 2000mAh, non-removable *Executive standard: GB31241-2014
Audio	Built-in microphone
Charging	Type-C charging and pin port charging, 15W fast charging
Prompts	High-power speaker/vibration reminder/LED reminder/audio reminder
Vibrating motor	Vibrator built-in
Sensor	Gravity sensor (G-sensor) / Proximity sensor / Light sensor

## Structure parameters

Dimension (L*W*D)	117mm*58mm*15.9mm
Weight	140g(With battery)

## Communication transmission

Wireless wide area network (Network frequency)	Asia & Europe: 2G: B2/B3/B5/B8 3G: WCDMA: B1/B5/B8, TD-SCDMA: B34/B39 4G: FDD-LTE: B1/B3/B5/B7/B8/B20, TDD-LTE: B34/B38/B39/B40/B41 America: 2G: B2/B3/B5 3G: B1/B2/B4/B5 4G: B1/B2/B3/B4/B5/B7/B12/B17/B28A/B28B/B41
Wireless wide area network (Data service)	GSM/GPRS/EDGE/UMTS/HSPA/HSPA+WCDMA/TD-SCDMA /TDD-LTE/FDD-LTE
WLAN	Wi-Fi 802.11a/b/g/n/r/ac (2.4G+5G dual-band Wi-Fi), fast roaming, Wi-Fi 5G PA
Bluetooth	Bluetooth 5.0+BLE
GPS	GPS/AGPS/Beidou/Galileo/GLONASS/QZSS

### NOTE:

1. The iData products and software service availability may differ by region.
2. The information of iData products and software service may change.
3. Please contact your iData sales representative for details.

## Operating environment

Working temperature	-20°C~60°C *For your safety, please do not charge in a low temperature environment
Storage temperature	-40°C~70°C (Without battery)
Humidity	0%~95% (no condensation)
Drop specification	1.5m concrete floor drop
Roller drop specification	500 times of roller drops from a height of 1 meters
Protection level	IP65
Electrostatic protection	±15KV (air discharge), ±8KV (contact discharge)

## Scan engine

Barcode	Support 1D/2D scanning engine
Scanning accuracy	≥3.33mil
Scanning angle	Tilt ±60°; Deflection ±60°; Rotation 360°
Angular Field of View	Horizontal: 44.3°; Vertical: 28.4°; Diagonal: 51°
Motion tolerance	8m/s

## NFC (Optional)

Frequency	13.56MHz
Reading distance	Within 60mm
Communication protocol	ISO14443A/14443B/15693

## Input/output interface

USB interface	Type-C (with earphone function) *1
OTG interface	Supporting

## Development support

Development language	Java
API	iScan API (Scan Development Kit), Device API (Device Management/Configuration Development Kit), Android standard interface
Development tool	Eclipse/Android Studio

## Accessories

Standard accessories	USB cable*1, hand strap*1
Optional accessories	Power adaptor, bottom charger, single cradle, Bluetooth ring, wrist strap, wrist mount, stretching buckle

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