



iData 95W

Android keyboard/touch control terminal

Reasonable cost, popular option for workers

Hundreds of thousands of workers connect to the digital world through iData 95 series every day. This simplify the working process, making warehouse management, express sorting, shipments of manufacturing factory and E-commerce much easier. The 95W has equipped with iData's latest scanning engine, improving capability to a new level so that it anticipates both current and future challenges.

Meet the operational needs of more workers

Comprehensive functions, including scanning, photographing, 4G network, Wi-Fi, Bluetooth, etc. Workers can easily accomplish tasks of inventory, fulfillment, photographing certificates, etc., or connect printers and other accessories to enjoy extended applications .

A new generation of scan engine to improve capabilities

iData's latest scanning engine can quickly identify almost any barcode in express, retail, and manufacturing despite that the barcode is damaged or contaminated. This will greatly upgrade your business capabilities.

Meet the needs of high-frequency and long-time shifts

The 4100mAh large battery can easily survive high frequency and long-time shifts in express sorting and shipments of E-commerce. The battery is detachable so that the device can work continuously after battery replacement.



Store management



Inventory Management



Ticketing management



Production management

Model 95W and 95W Pro available, for details please check the specification table

95W Technical Specifications

System Configuration

Processor	Quad-core 1.3GHz high-performance processor
Operating System	Android 6.0
Memory (ROM + RAM)	16GB + 2GB
SIM	Single SIM card
Expansion Slot	Micro SD card (up to 32 GB)
Display Screen	3.5-inch, resolution: 960*640 pixels
Touch Screen	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation
Camera	8 megapixels of rear camera, support auto-focusing(with LED fill-in light)
Flashlight	800mA flashlight
Keypad	25 keypads: front key*23, side scan key *2 (internal transmission light industrial IMD keyboard)
Battery	3.7V lithium battery, with 4100mAh, detachable 3.7V lithium battery, with 6000mAh, detachable
Audio	Built-in microphone
Charging Method	Type-C charging and pin port charging
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)	152mm*68mm*24mm
Weight	255g (with battery)

Environmental Parameter

Working Temperature	-20°C - 60°C *Do not charge under low temperature conditions for the safety Concerns
Storage Temperature	-40°C - 70°C (without the battery)
Humidity	0 - 95% (no moisture condensation)
Drop Specification	Multiple drops to concrete floor from the height of 1.5m
Roller Drop Specification	500 times of roller drops from a height of 0.5 meter
Ingress Protection	IP65
ESD Protection	±15KV (air discharge), ±8KV (contact discharge)

Communication Interface

USB Interface	Micro USB*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)	2G: B2/B3/B5/B8 3G: WCDMA: B1, TD-SCDMA: B34/B39 4G: FDD-LTE: B1/B3/B5, TDD-LTE: B38/B39/B40/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 (2.4G + 5G dual-band Wi-Fi)
Bluetooth	Bluetooth 4.0, support BLE
GPS	GPS/AGPS/BDS/GLONASS

NFC (Optional)

Working Frequency	13.56 MHz
Reading Distance	Within 50 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, power adapter*1, hand strap*1, device-back strap*1, battery*1
Optional Accessories	2-in-1 charging cradle, bottom charger, 4-slot battery charging cradle, fanny pack, protective film

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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95W Pro Technical Specifications

System Configuration

Processor	Octa-core 2.0 GHz high-performance processor
Operating System	Android 10.0
Memory (ROM + RAM)	16GB + 2GB
SIM	Single SIM card
Expansion Slot	Micro SD card (up to 32 GB)
Display Screen	3.5-inch, resolution: 960*640 pixels
Touch Screen	Industrial capacitive screen, support wet-hand operation/glove mode/multi-touch/gesture operation
Camera	8 megapixels of rear camera, support auto-focusing(with LED fill-in light)
Flashlight	800mA flashlight
Keypad	25 keypads: front key*23, side scan key *2 (internal transmission light industrial IMD keyboard)
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Drop Specification	Multiple drops to concrete floor from the height of 1.5m
Roller Drop Specification	500 times of roller drops from a height of 0.5 meter
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°
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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 fast roaming and 5G PA amplifier
Bluetooth	Bluetooth 5.0, support BLE
GPS	GPS/AGPS/BDS/Galileo/GLONASS/QZSS

NFC (Optional)

Working Frequency	13.56 MHz
Reading Distance	Within 50 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, power adapter*1, hand strap*1, device-back strap*1, battery*1
Optional Accessories	2-in-1 charging cradle, bottom charger, 4-slot battery charging cradle, fanny pack, protective film

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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

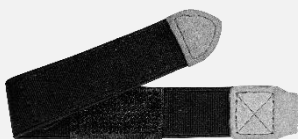
Wear on your wrist to carry the device, avoid accidental drops, and assure the safety of equipment



MNT-BS-95

Device-back Strap

Attach on the device back to help you hold the device easily and firmly, avoid accidental drops



MNT-BS-95

Battery

4100mAh, detachable design.

6000mAh, detachable design.

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



CHA-BTRY-95-4100MA

CHA-BTRY-95-6000MA

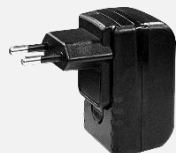
Power Adapter

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-95

Battery

4100mAh, detachable design.
6000mAh, detachable design.
ps: every product comes with 1 unit, you can purchase extra unit



CHA-BTRY-95-4100MA

CHA-BTRY-95-6000MA

2-in-1 Charging Cradle

Support charging for 1 main unit and 1 battery. Support plug types of China/Europe/UK/US/Australia
ps: you may have one of the power adapters



CHA-CRD1S-95

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-95

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 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-95

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-95

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