

iData 95UHF Mobile Computer



➤ Easy to use and rugged

- ◆ Based on Android 6.0 operating system, iData 95UHF can be handled easily. Users can use it to work immediately without any special training;
- ◆ High-performance quad-core 1.3 GHz processor for higher running speed;
- ◆ Industrial-grade capacitive touch panel for easy operation and higher flexibility;
- ◆ Meeting IP65 sealing standard for superior dustproof and waterproof performance.

➤ Long-range, wide coverage, multi-mode data capture

- ◆ Equipped with built-in UHF RFID read/write modules, iData 95UHF can quickly and accurately capture UHF RFID data in batches. The long-range RFID performance allows data capture at a distance up to 3.0 meters, depending on tags. It also delivers a wide read range and coverage area up to 90°;
- ◆ Supporting multiple data capture modes such as 1D/2D barcode scanning, infrared communication modules, GPS, Bluetooth, and photographing, iData 95UHF can fully meet users' different requirements on data capture for mobile field service.

➤ 4G and multiple wireless communication modes

- ◆ Supporting 4G in a wireless wide area network (WAN);
- ◆ Supporting Wi-Fi transmission in a local area network (LAN).

➤ **Light weight**

- ◆ Featuring compact and excellent design, iData 95UHF weights only 383g, the lightest device in its class;
- ◆ Ergonomic design allows users to hold iData 95UHF comfortably. Users can work with it for a long time without any fatigue.

➤ **Reliable power supply**

- ◆ Adopting a 3.7V 6000mAh rechargeable lithium polymer battery for long time and continuous work;
- ◆ Fast charging scheme to save charging time considerably for higher work efficiency.

System Configuration

CPU	Quad-core 1.3 GHz
Operating System	Android 6.0
Memory(ROM+RAM)	16 GB +2 GB
Expansion Slot	Micro SD card, up to 32 GB
Display	3.5-inch HVGA (960x640),high brightness TFT LCD, LED backlight
Touch Panel	Industrial-grade capacitive touch panel (supporting operation with gloves)
Camera	8 MP autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	Durable industrial keypad with interior transmission light
Battery	3.7 V 6000 mAh rechargeable lithium polymer battery
Audio	Built-in microphone
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	G-sensor

Operating Environment

Development Tools	Android SDK + JDK + Eclipse
Programming Language	Java, C
Operating Temp.	-20°C ~ 60°C (-4°F to 140°F)
Storage Temp.	-40°C ~ 60°C (-40°F ~140°F) battery included -40°C ~ 70°C (-40°F ~158°F) battery not included
Relative Humidity	0 ~ 95% (non-condensing)
Sealing	IP65
Electrostatic Discharge	Conforms to ± 15 kV air discharge, ± 8 kV direct discharge

Structural Parameters

Dimensions (L x W x D)	189 mm x 70 mm x 43.5 mm
Weight	383 g (including battery)

Communication Transmission

Wireless WAN (Network frequency)	2G: B2/B3/B5/B8 3G: WCDMA: B1 CDMA&EVDO: BC0 TD-SCDMA: B34/B39 4G: FDD-LTE: B1/B3/B5 TDD-LTE: B38/B39/B40/B41
Wireless WAN (Data service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE
Wireless LAN	Wi-Fi 802.11a/b/g/n
Bluetooth	Bluetooth 4.0+LE
GPS	GPS/AGPS/BEIDOU/GLONASS

Input/Output Ports

USB Port	1 (Micro USB port)
Charger Port	1 (Charging interface at the bottom)
OTG	Support

RFID (UHF)

Protocol	ISO18000-6C (EPC C1G2)
Frequency	902-928MHz
Antenna	Circularly polarized 2 dBi / Linearly polarized 1.4 dBi
Max Output Power	1 W (<30 dBm)
Data Capture Range	Within 2.5 m (3 m for special tags)
Nominal Write Range	Within 0.8 m

1D Laser Scanner

Optical Resolution	≥ 4 mil
Scan Depth of Field	3.81 cm - 60.98 cm
Scan Angle	47°± 3° (Standard)
Scan Speed	102 ± 12 scans/sec. (Bidirectional)

1D/2D Area Imager

Optical Resolution	≥ 3 mil
Scan Angle	Omnidirectional
Scan Speed	300 scans/sec.
Supported Symbolologies	Aztec Code, Codabar, Codablock F, Code 11, Code 128 , Code 2 of 5 , Code 39 , Code 93 , Data Matrix , EAN/JAN-13 , EAN/JAN 8 , EAN-UCC Composite Codes , EAN-UCC Emulation , IATA Code 2 of 5 , Interleaved 2 of 5, Matrix

	2 of 5, MaxiCode, MicroPDF417 , MSI , PDF417 , Postal Codes (Australian Post , British Post , Canadian Post , China Post , Japanese Post , Korea Post , Netherlands Post , Planet Code , Postnet) , Plessey Code , PosiCode , QR Code , RSS Expanded , RSS Limited , RSS-14 , TCIF Linked Code 39 , Telepen , Trioptic Code, UPC-A , UPC-E, etc.
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Accessories

Standard	Battery, Power adapter, Wrist strap, Hand strap, Bottom charging cable, USB cable
Optional	Screen protector

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