

iData 95UHF mobile computer

Universal and Mobile Intelligent Terminal Classic design, unique creation Proven to meet the industrial mobile applications

It supports long range UHF RFID label reading up to 3.5 meters as well as wide read/write angle, up to 90°. It supports fast data collection with excellent design. It is small and light, 383g including the battery.



Standard accessories

Lithium polymer battery



Weight : 116 g
Capacity : 6000 mAh
Voltage : 3.7 V

Bottom charging cable



Connect the data line at the bottom to the serial port at the bottom to charge the device. You can also use it to connect more extension modules for more mobile operation.

Power adapter



Input : 100-240 V ~ 50/60 Hz 0.35 A
Output : 5 V ~ 1500 mA

Hand strap



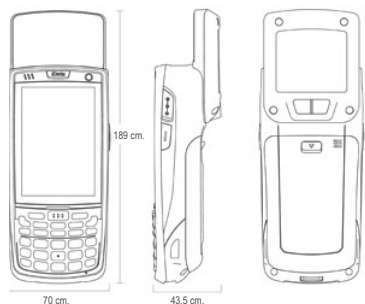
Length : 23.5 cm

System Configuration

CPU	High-performance quad-core 1.3 GHz processor
Operating System	Android 5.1
Memory	8 GB ROM+1 GB RAM
Expansion Slot	Mini SD card, up to 32 GB
Display	3.5-inch HVGA (320x480), high brightness TFT LCD, LED backlight
Touch Panel	Industrial-grade capacitive touch panel (supporting operation with gloves)
Camera	5 Mega pixel, 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	Built-in G-sensor

Structural Parameters

Dimensions	189x70x 43.5 mm
Weight	383 g (including battery)



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.

Accessories

Standard	Battery, Hand strap, Wrist strap
Optional	4-slot battery charger, USB cable, Power adapter, Bottom charging cable

Operating Environment

Development Tools	Android SDK+JDK+Eclipse
Programming Language	Java, C
Management Tools	iData tools
Operating Temp	-10°C to 50°C (14°F to 122°F)
Storage Temp	-20°C to 60°C (-4°F to 140°F)
Relative Humidity	0 to 95% (non-condensing)
Sealing	IP65
Electrostatic Discharge	Conforms to ± 15 kV air discharge, ± 8 kV direct discharge

Communication Transmission

Wireless Voice	4G: TDD-LTE: B38/B39/B40/B41; FDD-LTE: B1/B3
Communication	3G: WCDMA: 2100MHZ, EVDO 800 MHz, TD-SCDMA: B34/39
	2G: GSM/GPRS: 850/900/1800/1900 MHz
Wireless WAN(EVDO)	GPRS/EDGE/HSPA+/EVDO/TDD-LTE/FDD-LTE
Wireless LAN	Wi-Fi 802.11a/b/g/n
Bluetooth	Bluetooth 4.0
GPS	High performance GPS/AGPS navigation chip

Input/Output Ports

USB Port	1 (Micro USB port)
Charger Port:	1 (Charging interface at the bottom)
Serial Port	1 (TTL)

RFID (UHF)

Protocol	ISO18000-6C (EPC C1G2)
Frequency	840-960 MHz
Antenna	Circularly polarized 2 dBi / Linearly polarized 1.4 dBi
Max Output Power	1 W (<30 dBm)
Data Capture Range	Within 2.5 m (3.5 m for special tags)
Nominal Write Range	Within 0.8 m

Applications:

