



iData 95

Universal and Mobile Intelligent Terminal

Classic design, unique creation
Proven to meet the industrial mobile applications

iData 95V — The most stable

iData 95V has great performance with good design, chip optimization and extended customization for the application.

iData 95W — The most powerful

It supports high speed data collection with accurate transmission, ultra HD display for indoor and outdoor. It has a large capacity battery and low power consumption for long battery life.

iData 95S — The most cost-effective

Stable and reliable performance, the ultimate 1D/2D scanning features, HD screen display, enterprise-class Android system, large-capacity battery.

iData 95UHF — UHF mobile computer

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.



iData 95V

iData95W/95S

iData 95UHF

System Configuration

CPU	Quad-core 1.3GHz
Operating System	Android 6.0
Memory:	95W/95UHF: 16GB ROM+2GB RAM 95V/95S: 8GB ROM+1GB RAM
Expansion Slot	Micro SD card
Display	95W/95S/95UHF: 3.5-inch HD display (960x640) 95V: 3.5-inch HVGA (480x320)
Touch Panel	Industrial-grade capacitive touch panel
Camera (Optional)	95W/95S/95UHF: 8 Mega pixel, autofocus lens, LED flash 95V: 8 Mega pixel/5 Mega pixel, autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	Durable industrial keypad with interior transmission light
Battery	95W/95S/95V: 3.7V 4000mAh rechargeable lithium polymer battery (6000mAh battery optional) 95UHF: 3.7V 6000mAh rechargeable lithium polymer battery
Audio	Built-in microphone
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	G-sensor

Structural Parameters

Dimensions (LxWxD)	95W/95S/95V: 152 mm x 68 mm x 24 mm 95UHF: 189 mm x 70 mm x 43.5 mm
Weight	95W/95S/95V: 255g (standard battery included) 95UHF: 383g (standard battery included)

Communication Transmission

Wireless Voice Communication:	95V: 4G: TDD-LTE: B38/B39/B40/B41; FDD-LTE: B1/B3 3G: WCDMA: 2100MHz, EVDO 800MHz, TD-SCDMA: B34/39 2G: GSM/GPRS: 850/900/1800/1900MHz 95W/95UHF: 4G: TDD-LTE: B38/B39/B40/B41; FDD-LTE: B1/B3/B5 3G: WCDMA: 2100MHz, EVDO 800MHz, TD-SCDMA: B34/39 2G: GSM/GPRS: 850/900/1800/1900MHz
Wireless WAN	95W/95V/95UHF: GPRS/EDGE/ HSPA+/EVDO/TDD-LTE/ FDD-LTE
Wireless LAN	Wi-Fi 802.11 a/b/g/n
Bluetooth	95W/95S/95UHF: Bluetooth 4.0+LE 95V: Bluetooth 4.0
GPS	GPS/AGPS/BEIDOU/GLONASS

Operating Environment

Development Tools	Android SDK+JDK+Eclipse
Programming Language	Java, C
Operating Temp.	-20°C ~ 60°C (-4°F ~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% (on-condensing)
Drop Specification	95W/95S/95V: 1.5-meter drops to concrete ground
Tumble Specification	95W/95S/95V: 500 0.5-m tumbles (1000 hits)
Sealing	IP65
Electrostatic Discharge	Conforms to ± 15 kV air discharge, ± 8 kV direct discharge



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.

RFID (95V/95W)

Frequency	13.56 MHz
Reading Distance	Within 50 mm
Protocol	ISO14443A/14443B/15693
NFC	Support

RFID (95UHF)

Protocol	ISO18000-6C (EPC C1G2)
Frequency	902-928MHz
Antenna	Circularly polarized 2 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

Input / Output Ports

USB Port	1 (Micro USB port)
Charger Port	1 (Charging interface at the bottom)
OTG	95W/95S/95UHF support

Accessories

Standard	95W/95S/95V: Battery, Hand strap, Wrist strap 95UHF: Battery, Wrist strap
Optional	95W/95S/95V: Power adapter, USB cable, Bottom charging cable, Single cradle, 4-slot battery charger, Silicon case 95UHF: Power adapter, USB cable, Bottom charging cable, 4-slot battery charger

Applications:

