

iData 95V

iData 95V is a new mobile computer developed by Wuxi iData Technology Company Ltd. for mobile field service. It is designed to connect your mobile workforce to the enterprise for real-time access to business information and data exchange.

Adopting Android 5.1 operating system, the iData 95V provides user friendly operation interface, supports versatile functions like 1D/2D barcode scanning, RFID tag reading, infrared communication modules, photographing, GPS, voice communication, and Wi-Fi, NFC and is widely used in various fields, such as, logistics, retail management, meter reading, goods tracking, warehousing, meeting ticketing, and tracing management.



Featuring high performance and high reliability, the iData 95V can help enterprises boost productivity and gain a higher return on investment.

Five Strengths

- **Advanced configuration**
 - Android 5.1 operating system for more compatibility and better user experience.
 - High performance dual-core 1.3GHz processor and 8GB ROM+1GB RAM memory providing higher running speed.
- **Industrial-grade capacitive touch panel**
 - Industrial-grade capacitive touch panel for easy operation and higher flexibility.
 - Equipped with a 3.5-inch HVGA (320 x 480 pixels) display screen.
- **Powerful data collection**
 - Equipped with advanced scanning engines to read not only 1D/2D barcodes normally printed on traditional media, stained, or covered with plastic film but also barcodes displayed on mobile phones and computer screens.
 - Exit window made of Corning® Gorilla® glass for a better scratch-resistance, a higher light transmittance, and more quick and accurate scanning.
 - Equipped with built-in RFID read/write modules to quickly and accurately read RFID tags in batches.
- **Multiple wireless communication modes**
 - Supporting multiple wireless communication modes such as WCDMA, GPRS and GSM in a wide area network (WAN).
 - Supporting Wi-Fi transmission in a local area network (LAN).
 - Supporting a high performance GPS/AGPS navigation chip for more accurate positioning.
- **Rugged and reliable mobile computer**
 - Shell molded at one step using PC engineering plastics of General Electric Company.

- Meeting IP65 sealing standard for superior dustproof and waterproof performance.
- Meeting the 1.5-meter drop specification and the 0.5-meter tumble specification (500 tumbles).
- Keys designed with the IMD film printing technology for scratch-resistance and a longer service life.

Main Functions

- Supporting Android 5.1 operating system.
- Supporting WCDMA, GPRS, GSM, Wi-Fi, NFC and other wireless communication modes.
- Supporting 1D/2D barcode scanning or image scanning.
- Supporting a 13.56 MHz HF RFID read/write module for RFID tag reading.
- Supporting a built-in autofocus 5 Mega pixel camera for photographing and video recording.

Technical Specifications

● System Configuration

CPU	High-performance 1.3GHz quad-core processor
Operating System	Android 5.1
Memory	8 GB ROM+1 GB RAM
Expansion Slot	Micro SD card, up to 32 GB, Micro SD slot
Display	3.5-inch HVGA (320x480), high brightness TFT LCD, LED backlight
Touch Panel	Industrial-grade capacitive touch panel
Camera (Optional)	5 Mega pixel, autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	28-key durable industrial keypad with interior transmission light
Battery	3.7 V 4000 mAh rechargeable lithium polymer battery (6000 mAh battery optional)
Audio	Built-in microphone
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor

● Operating Environment

Development Tools	Android SDK+JDK+Eclipse
Programming Language	Java, C
Management Tools	iData tools
Operating Temp.	-10°C to 50°C
Storage Temp.	-20°C to 60°C
Relative Humidity	0 to 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground
Tumble Specification	500 0.5-m tumbles (1000 hits)
Sealing	IP65
Electrostatic Discharge	Conforms to ± 15 kV air discharge, ± 8 kV direct discharge

● Structural Parameters

Dimensions (LxWxD)	152 mm x 68 mm x 24 mm
Weight	255 g (standard battery included)

● Communication Transmission

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

● Input/Output Ports

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

- **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 Linear Imager**

Reading Mode	CCD
Reading Accuracy	≥ 4 mil
Decoding Speed	300 times/sec. (Max.)

- **2D Area Imager**

Optical Resolution	≥ 3 mil
Scan Angle	Omnidirectional
Scan Speed	300 scans/sec.

- **RFID**

Frequency	13.56 MHz
Reading Distance	Within 50 mm
Protocol	ISO14443A(B)/15693

- **Accessories**

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


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