

# Rugged Handheld Data Terminal V5000

Mobile Data Collection / IP64 Rating  
Wireless Information Transfer / Powerful CPU / Dual OS



Highly ruggedized, flexible and easy to operate, UROVO's V5000 handheld data terminal is designed for use in various industrial fields, including asset management, logistics, transportation, medicine safety supervision and production process management. Featuring dual OS (Windows CE or Android), 1GHz CPU, high-capacity battery and strong wireless communication ability including 3G, GPRS, WiFi and Bluetooth, this rugged terminal integrating with help you accomplish an array of industrial tasks efficiently in many areas.

#### **Powerful Data Collection Ability**

High speed data collection by 1D and 2D bar code scanner, RFID reader and IC card reader

#### **Flexible and Adaptable**

Ergonomic design for easy and comfortable operation, meeting IP64 environmental grade and supporting various industrial applications

#### **Wireless Communication**

Supports GPRS/GSM, 3G, WLAN, Bluetooth and other communication modes according to project requirements

#### **Multiple Data Interfaces**

Provides USB & RS232 interfaces and supports voice communication

#### **Strong Data Storage**

Built-in large RAM/ROM capacity, supports extended Micro SD/TF card (up to a maximum of 32GB capacity supportable)

#### **Dual-system Supportable**

Supports Windows CE 6.0 & Android 2.3 operating systems, provides SDK for secondary development on different applications



#### **Application Fields:**

Transportation & Logistics / Garment & Chain Store / Retail Market / Retail & Wholesale  
International Trade / Healthcare & Hospitality / E-commerce / Production Management  
Government Law Enforcement / Manufacturing

## UROVO V5000 Specification

<b>Physical Characteristics</b>	<b>Dimensions</b>	Max: 190mm*75mm*30mm/Hand Grip: 90mm*60mm*25mm	
	<b>Weight</b>	350g (including battery)	
	<b>Display</b>	3.5inch TFT-LCD VGA(480×640) color touch screen	
	<b>Keyboard</b>	33 keys (numeric/alphabetic keys, directional button, scan button, side keypad)	
	<b>Input</b>	Chinese, English, Handwriting, support soft keyboard	
	<b>Power</b>	Main Battery	Removable, rechargeable 3.7 V 3000 mAh lithium battery pack, which can work for eight hours or above (depending on environment).
Slave Battery		150mAh lithium battery	
RTC Battery		Individual RTC to keep clock at real time	
<b>Performance Characteristics</b>	<b>O.S.</b>	Microsoft Windows CE 6.0 R3 & Android 2.3 (multi-language)	
	<b>CPU</b>	1GHz	
	<b>Memory</b>	ROM	512MB Nand Flash
		RAM	512MB Mobile DDR
	<b>Expansion</b>	Support Micro SD/TF up to 16G, SIM x 1	
	<b>Audio</b>	Loudspeaker x 1, microphone x 1, earphone x 1	
	<b>Interfaces</b>	Mini USB x 1, 3.5mm audio jack x 1	
<b>Barcode Scanner</b>	<b>Scanning Rate</b>	100±20 scan/sec	
	<b>1D Laser</b>	Decode Capability Code 39; Codabar; Code 128; Discrete 2 of 5; IATA 2 of 5; Interleaved 2 of 5; Code 93; UPC A; UPC E0; EAN 8; EAN 13; MSI; EAN 128; UPC E1; Trioptic Code 39; Bookland EAN; Coupon Code; RSS-Limited; RSS-14; RSS-Expanded	
	<b>2D CMOS</b>	Decode Capability 1D Symbolologies: UPC/EAN, Bookland EAN, UCC Coupon Code, ESSN EAN, CODE 39, CODE 128, GS1-128, ISBT 128, Trioptic Code 39, CODABAR, MSI, Interleaved 2/5, Discrete 2/5, Chinese 2/5, Korean 3/5, Matrix 2/5, CODE 32, CODE 93, CODE 11, Inverse 1D, GS1 DataBar, Composite Codes 2D Symbolologies: PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, MaxiCode, QR Code, Aztec, Aztec InversePostal Codes: U.S. Postnet, U.S. Planet, U.K. Postal, Japan Postal, Australian Postal, Netherlands KIX Code, USPS 4CB/One Code/Intelligent Mail, UPU FICS Postal	
<b>Radio Communication</b>	<b>Wireless LAN</b>	WiFi 802.11b/g; frequency range: 54MB/sec; CISCO Compatible CCX2/3 Security, CISCO AP Security	
	<b>WAN</b>	Frequency Range	GSM 850/900/1800/1900MHz
		Data Rate	GPRS multi-slot Class 10: DL 85.6 kbps/UL 42.8 kbps GPRS multi-slot Class 8: DL 85.6 kbps/UL 21.4 kbps
	<b>WCDMA</b>	Frequency Range	UMTS2100/900MHz UMTS1900/850MHz GSM850/900/1800/1900MHz
		Data Rate	GSM CS: UL 9.6kbps/DL 9.6kbps GPRS/EDGE: Multi-slot Class 12, Class B WCDMA CS: UL 64kbps/DL 64kbps WCDMA PS: UL 384kbps/DL 384kbps HSDPA: DL 3.6Mbps
		Frequency Range	CDMA2000 1x, CDMA2000 EV-DO Rev 0, CDMA2000 EV-DO Rev A Supports BC0 (800MHz), BC1 (1900MHz)
	<b>CDMA 2000</b>	Data Rate	CDMA2000 1X: UL/DL: 153.6kbps CDMA2000 1X/EVDO Rev.0: UL 153.6 kbps DL 2.4 Mbps CDMA2000 1X/EVDO Rev A: UL 1.8 Mbps DL 3.1 Mbps
<b>Options</b>	<b>Bluetooth</b>	Bluetooth Class2.1+EDR	
	<b>Camera</b>	3.0/5.0 mega pixels with flash light, screen capture and automatic focus	
	<b>GPS</b>	Support A-GPS	
	<b>RFID</b>	Customizable, support: LF: ISO11784/11785 HF: ISO15693, ISO14443A/B, SRI513/SRI4KU UHF: ISO180006B (EPC C1 Gen2), ISO18000-6C	
<b>User Environment</b>	<b>Operating</b>	-10°C to +50°C	
	<b>Storage</b>	-20°C to +60°C	
	<b>Humidity</b>	5% to 95% non condensing (condensation resistant configurations available)	
	<b>Drop</b>	Multiple drops to concrete: 5ft./1.5m across the operating temperature range	
	<b>Sealing</b>	IP64 standard for water and dust resistance	
<b>Peripherals and Accessories</b>	<b>Cradle</b>	Double-slot cradle: support two pieces of battery charging at the same time	
	<b>Printer</b>	Supports extensive line of bluetooth SPP approved printers and cables	
	<b>Other Accessories</b>	Adaptor, USB Cradle Cable	
<b>Regulatory</b>	<b>Product Certification</b>	CCC, CE, FCC	
	<b>Electrical Safety</b>	Certified to UL60950, CSA C22.2 No.6050, EN60950/IEC950	
	<b>Laser Safety</b>	IEC Class 2/FDA Class II, in accordance with IEC60825-/EN60825-1	
	<b>Warranty</b>	12 months (except for accessories)	