Compact Handheld Data Terminal RT900

Compact & Portable / Win CE O.S
IP54 sealing / 2.4G Active RFID

RTscan RT900 is an industry-level handheld terminal which adopts ergonomic design and is compact and flexible. Support Windows CE 5.0 operating system and IP54 sealing with drop capability from 1.2/1.5(with rubber) meters onward. This device has features of shock-proof, drop-proof, dustproof and high-/low-temperature resistant. In addition, the dual power supply make it a ideal for field work force applications.

Compact, Lightweight and Portable

3.2 inch touch color screen, QVGA 320*240 resolution, support hand-writing. Highly compatible and reliable to ensure rapid application development and data integrity.

Excellent Data Capture

Integrated with 1D and Wi-Fi. Optional with 2D barcode scanner and HF/LF RFID reader; Support Camera 2-3Megapixel; Bluetooth and GPS.

IP54 Industrial Standard Certified

With strong compatibility and stability. Sealing against dust and splash of water, well drop capability from 1.2/1.5 (with rubber) meters onward.

Dual Power Mode and Special Hand-strap Design

Dual power supply mode with long standby capacity to prevent data loss accidentally, and unique hand-strap design for easy-to-carry.

Multipath Communication, Bluetooth Weighting and Printing Function

Support Wifi, GPRS/GSM, and special bluetooth printing and weighting function.

Application Fields:

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

RT900 Specification

Physical Characteristics	**Dimensions**		Standard: 150mm*70mm*25mm With rubber: 160mm*75mm*35mm (optional)
	Weight		240/275g (with rubber)
	Display		3.2" TFT-LCD QVGA (240 x 320) color touch screen
	Keyboard		28-29 keys (Number/Alphabetic keys, Directional button, Scan button)
	Input		Chinese, English, handwriting, support soft keyboard
	Power	Main Battery	3.7 V 2800mAh rechargeable lithium battery, which can work for eight hours or above (depending on the actual environment).
		Slave Battery	150 mAh, prevent data loss for six hours. Charging time: 3.5 hours
Performance Characteristics	**O.S.**		Microsoft Windows CE 5.0, Multi-lingual (Chinese, English, Japanese)
	CPU		533MHz
	Memory	RAM	RAM 128MB
		ROM	F-ROM 512MB
	Expansion		Micro SD/TF slot (a maximum of 16 GB)
	Interfaces		USB, RS232
Barcode Scanner Ability	**1D Barcode**	Scanning Rate	100 scan/sec+20 scan/sec
		Decode Capability	UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, Bookland EAN, CODE128, UCC/EAN-128, ISBT128, Code39, Trioptic Code39, Code39 Full ASCII, Code39, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, GS1 Databar12, Gs1 Databar Limited, Gs1 Databar Expanded
	2D(option)		Decode Capability QR Code, PDF 417, Data Matrix, Micro QR Code, Micro PDF417, Aztec Code
Radio Communication	**Wi-Fi WLAN**		Internal 802.11b/gwireless communication, upto 54Mbps, compliance with CISCO CCX2,3 security standard, CISCO AP and Security Features
	WWAN Communication		GPRS Classe 10/12, EDGE/UTMS (WCDMA)/HSDPA, CDMA2000 1XEV-DO Rev.A, Support 3GPP 27.010, GSM 07.10 multiplexing, wireless communication module
Others	**Bluetooth**		Bluetooth V2.1 + EDR
	Camera(option)		2 million/3 million pixels and fill light
	GPS(option)		48 channels
	RFID(option)		Customizable, support: LF: ISO11784/11785; HF: ISO15693, ISO14443A/B, SRI513/SRI4K; 2.4GHz Active RFID Reader
User Environment	**Operating Temperature**		−10°C to +50°C
	Storage Temperature		−20°C to +60°C
	Humidity		5%–95% (non–condensing)
	Drop Durability		Multiple drops to concrete: 4 ft./1.2m (rubber:5 ft./1.5m) across the operating temperature range
	Sealing		IP54 standard for water and dust resistance
Peripherals and Accessories	**Cradles**		Double-slot charging dock: The reverse side for backup battery charging, front side with slot can be directly used for data communication
	Printers		Supports extensive line of COM printer and bluetooth printer
	Other Acceseries		Pouch, vehicle charger
Regulatory	**Product Certification**		CCC, CE, RoHS
	Laser Safety		IEC2 Class /FDA II Class,Compliance with IEC60825-/EN60825-1 Standard
	Warranty		12 months (except the accessories)