



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 | Scanning Rate | 100 scan/sec+20 scan/sec | | |
| | 1D Barcode | 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/g/wireless 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 | | |
| | Bluetooth | Bluetooth V2.1 + EDR | | |
| Others | 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 | | |
| | Operating Temperature | -10°C to +50°C | | |
| User Environment | 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 | | |
| | Cradles | Double-slot charging dock: The reverse side for backup battery charging, front side with slot can be directly used for data communication | | |
| Peripherals and Accessories | Printers | Supports extensive line of COM printer and bluetooth printer | | |
| | Other Acceseries | Pouch, vehicle charger | | |
| | Product Certification | CCC, CE, RoHS | | |
| Regulatory | Laser Safety | IEC2 Class /FDA II Class,Compliance with IEC60825-/EN60825-1 Standard | | |
| | Warranty | 12 months (except the accessories) | | |