

# Detailed Printer Specifications

## FieldPro RT20 Series



### Printing Specifications

**Printing Method:** Direct thermal  
**Printing Resolution:** 203 dpi (8 dots per mm)  
**Printing Speed:** Up to 3.3 ips  
**Printing Width:** Up to 1.9 inches (4.83 cm)

### Fonts/Characters/Bar Codes

**Fonts:** A wide range of font types and sizes, from ~ 6 cpi to 34 cpi depending on emulation chosen, plus scaling.

**International Characters:** An expanding catalog available for download.

**Bar Codes:** 39, 128, Intlv 2 of 5, EAN08 & 13, PDF-417 and UPC, depending on emulation chosen.

Downloadable fonts, graphics, logos and additional bar codes.

### Connectivity

**Standard (All Units):** RS232, USB (optional cable required)

**Wireless Options:**

**IrDA**

**Bluetooth®**

Complete Bluetooth® 2.0 Stack including:

Protocols: L2CAP, RFCOMM, SDP

Profiles: GAP, SDAP, SPP

Class 2 Operation

Bluetooth® SIG QD ID: B012394

RFC2217 & EN60601 compliant

Wi-Fi 802.11a/b/g compatible

WEP, WPA-PSK/TKIP, WPA2-AES

802.1x/EAP with TLS, TTLS, LEAP, FAST, PEAP Compatible with SNMP (MIB's I & II)

**Universal Port:** (RJ45 connection) data and power port - allows connection of external devices such as barcode scanners, signature capture pads

### Software

**Drivers and Utilities:** Drivers for WIN 98, 2000, XP. Compatible with Windows CE/Pocket PC, Windows Mobile, and Palm OS print utilities and SDK's.

Printer Setup Program provides convenient configuration via a Windows interface from any computer.

**Emulations\*:** Emulates many popular printer brands and languages including Printek, Zebra CPCL, Extech, OPDL, E-POS

*\*All Printek developed emulations work in any Printek printer. Additional emulations available upon request.*

### Print Media

**Paper Type:** Direct Thermal Roll

**Roll Size:** Maximum roll diameter 2.0" (5.08 cm), roll widths maximum 2.18" (5.54 cm)

**Roll Capacity:** Approx. 94' (28.65 m), or approx. 190-6" long receipts max.

**Core Size:** No specific requirement

### Power Management

**Battery:** Rechargeable 2 cell Lithium Ion, (7.4 V, 2200 mAh)

**Endurance:** Over 3,500 printed inches per charge.

**Recharging:** 2 hours, via on-board charger or optional external charger.

**Power Option:** 100-240 VAC wall adapter, or 12-24 VDC in-vehicle adapter. When plugged in, the printer can be used while recharging the battery or can be run without the battery

### Physical Specifications

**LxWxH:** 6.18"x 4.37"x2.53" (15.7x11.0x6.42cm)

**Weight:** 12 ounces (.34 kg) with battery

### Environmental Specifications

**Operating Temp:** -4° to 122°F (-18° to 50°C)

**Storage Temp:** -4° to 140°F (-20° to 60°C)

**Humidity:** 10% to 90% RH (non-condensing)

Rated IP54 per IEC 529, without optional environmental case.

### Operator Controls and Indicators

3 LED indicators for general fault, wireless connection/power and battery status indication.

Buttons for Power and Paper Feed. Sensors for paper out, black mark detection, and door open.

### Memory Capacity

4 MB Flash, 8MB SDRAM. Standard memory supports large and graphic intensive print jobs.

### Durability and Reliability

Survives multiple 4 foot drops to concrete (each face) per IEC 68-2

MTBF: 10,000 hours in normal use

### Regulatory Approvals

FCC Class B, CE mark, RoHS, UL listed AC adapters, E-mark on In-Vehicle adapters

### Warranty

One-year\*\* printer warranty on the entire printer—case, battery, and print head included.

\*\*Optional extended warranty available, ask your sales representative for details.

### Options and Accessories

- 3-Track Simultaneous Read Magnetic Card Reader, with indicator
- Cabled connection of external devices such as barcode scanners, signature capture pads, and more via Universal Port
- AC Wall Adapter, 100 to 240 VAC
- In-Vehicle Power Adapter, 12 to 24 VDC
- Shoulder Strap
- Hand Strap/Belt Loop Attachments
- Data Cables, RS232 or USB
- Spare Batteries in Multi-Packs
- Media in Case Quantities

