

Detailed Printer Specifications

FieldPro Series



Printing Specifications

Printing Method: Direct thermal
Printing Resolution: 203 dpi (8 dots per mm)
Printing Speed: Up to 2.8 ips
Printing Width: Up to 4.1 inches (10.4 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 802.11b/g compatible

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, WIN 7, Compatible with Windows CE/Pocket PC, Windows Mobile, Palm OS print utilities and SDK's.

Printer Setup Program provides convenient configuration via a Windows interface from any computer (PDAs and Smartphones included).

Emulations: Emulates many popular printer brands and languages including O'Neil, Zebra CPCL and ZPL, Extech, IPL, MPL, E-Sim and Printek Mt3. Can be upgraded as new emulations become available.

Print Media

Paper Type: Direct Thermal Roll

Roll Size: Maximum roll diameter 1.75" (4.3 cm), roll widths from 2.9" to 4.125" (7.4 to 10.5 cm)

Roll Capacity: Approx. 65' (19.8 m), or approx. 130-6" long receipts (with 2.4 mil thick media), max.

Core Size: 0.75" Recommended (1.9 cm)

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

L x W x H: 6.1" x 5.9" x 2.7" (15.5 x 15.0 x 6.9 cm)

Weight: 20 ounces (.57 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

2 MB Flash, 1MB SRAM. 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.

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
- Flexible Mounting Systems
 - In-Vehicle Systems
 - Cart Mounting Systems
 - Fixed Mounting Systems

