

Detailed Printer Specifications

FieldPro 541



Printing Specifications

Printing Method: Direct thermal.
Printing Resolution: 203 dpi (8 dots per mm).
Printing Speed: Up to 5 ips.
Printing Width: Up to 4.1 inches (104 mm).

Fonts/Characters/Bar Codes

Fonts: Virtually all TrueType fonts, from 6 cpi to 34 cpi depending on emulation chosen, plus scaling.
International Characters: Most common sets available. Unicode support.
Bar Codes: Virtually all 1D and 2D codes supported, depending on emulation chosen.
Downloadable fonts, graphics, and logos.

Connectivity

Standard (All Units): USB 2.0 PNP.
Wireless Options:
Bluetooth®
Complete Bluetooth® 4.0 Stack
Dual Mode with EDR
Wi-Fi 802.11b/g/n compatible

Software

Drivers and Utilities: Drivers for WIN 7, WIN 8, Win 10. Compatible with Windows CE/Pocket PC, Windows Mobile, Android. Print utilities and SDK's for all platforms. Native App and Web printing.
Printer Setup via internal web page, access with browser from any host (tablets and smartphones included).
Emulations: Emulates many popular printer brands and languages including: Zebra CPCL and ZPL, Exttech, IPL, and ESC POS. Firmware can be upgraded as new emulations become available.
Supports direct printing of Postscript, PDF, PBM, JPG, PNG, BMP, SVG, & TIFF files.

Print Media

Paper Type: Direct Thermal Roll.
Roll Size: Maximum roll diameter 2.625" (66.7 mm), roll widths up to 4.125" (80 mm).
Roll Capacity: Approx. 94' 28.6 m), creating 188 6" long receipts.
Core Size: 0.75" Recommended (19 mm).

Power Management

Battery: Rechargeable 3 cell Lithium Ion, (11.3 V, 2950 mAh, 33.2 Wh).
Endurance: Over 3,500 printed inches per charge.
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 (print & charge adapter).

Physical Specifications

L x W x H: 6.1" x 5.7" x 2.7" (15.5 x 14.5 x 6.9 cm).
Weight: 24 ounces (.68 kg) with battery.

Environmental Specifications

Operating Temp: 0° 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

Operator Controls and Indicators

3 LED indicators for general fault, power and battery status indication. Buttons for power and paper feed.
Sensors for paper out, black mark detection, and door open. "Gas gauge" on battery door.

Memory Capacity

256 MB Flash, 512 MB DDR2. Standard memory supports large and graphic intensive print jobs.

Durability and Reliability

Survives multiple 6 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.

Warranty

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

Options and Accessories

- AC Wall Adapter, 100 to 240 VAC
 - Print and charge version
 - Charge only version
- In-Vehicle Power Adapter, 12 to 24 VDC
- Shoulder Strap
- Data Cables; USB
- Spare Batteries in Multi-Packs
- Media in Case Quantities
- Popular Mounting Systems
 - In-Vehicle Systems
 - Cart Mounting Systems
 - Fixed Mounting Systems



PrintekMobile's comprehensive warranty covers the entire printer ... even the battery!

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