



FP PORTABLE PRINTERS

Lightweight and Economical

APPLICATIONS

- Mobile POS
- Parking Enforcement
- Route Accounting
- Transportation
- Field Service
- Maintenance

FEATURES

- Lightweight and small
- Arm-7, 32 bit architecture RISC processor
- Fonts and firmware are integrated into flash memory
- Supports graphics printing, 1D and 2D bar codes
- Simple LED lights indicate communications, charging and power status
- External DC jack for easy charging
- Drop in paper loading
- MS DOS and Windows compatible
- Embedded Bluetooth® and RS232 or USB communication- optional 802.11b/g connectivity available
- 128 MB RAM 512 MB flash drive
- Custom keyboard options
- Ships with a high capacity Li-Ion battery, power supply, belt loop or shoulder strap and sample media



FP400 Model

- **Easy to use**
- **Long battery life**
- **Drop in paper system**
- **Fast processing power**

The FP family offers a light weight and economical solution for 2", 3" and 4" portable receipt printing that meets your needs without sacrificing on quality and performance. The FP fast print speed, ample memory and fast processing power keeps pace with printers costing almost twice as much. The lightweight, compact design allows the printers to be worn comfortably with a belt loop or shoulder strap through a complete shift. The durable housing and rubber over mold will endure the bumps and knocks of the typical workday. User friendly, the Radix printers have a simple drop-in paper system allowing quick paper rolls replacement and a high capacity battery that lasts through a 12 hour shift. Users can go through a busy day knowing that the Radix printers will keep up with them.



Product Specifications

Print Technology

Print head: Direct thermal, 203 dpi (8 dots/mm)
 Print mechanism speed: 2 inches/second (51 mm per second) on FP 200 & FP300 and 3 inches/second (76 mm per second) on FP400

Media Type

Direct thermal receipt paper (standard, premium, heavy duty, long-life, image protect, hi-temp, and all weather.

Maximum Print Width

FP 200: 1.89" (48 mm)
 FP 300: 2.83" (72 mm)
 FP 400: 4.1" (104 mm)

Media Roll Width

FP 200: 2.25" (57 mm)
 FP 300: 3.13" (80 mm)
 FP 400: 4.38" (112 mm)

Maximum Roll Diameter

FP 200: 1.5" O.D. (57 mm)
 FP 300: 1.38" O.D. (35 mm)
 FP 400: 2.0" O.D. (51 mm)
 I.D. Core: 0.4" (10 mm) for all models

Media Thickness

FP 200: 0.002" to 0.004" (0.05 mm to 0.10 mm)
 FP 300: 0.002" to 0.004" (0.05 mm to 0.10 mm)
 FP 400: 0.002" to 0.006" (0.05 mm to 0.15 mm)

Physical

FP200: 5.4" L x 4.1"W x 2.4"H (135 mm x 103 mm x 60 mm)
 Weight w/battery: 14.7oz (417 g)
 FP300: 6.1" L x 5.0" W x 2.3" H (156 mm x 127 mm x 58 mm)
 Weight w/battery: 18.5 oz (524 g)
 FP400: 7.5" L x 6.5" W x 2.5" H (191 mm x 166 mm x 63 mm)

Environment

Operating Temp: 14° F to 122° F (-10° C to +50° C)
 Storage Temp: -4° F to +140° F (-20° C to +60° C)
 Charging Temp: 41° F to 104° F (5° C to 40° C)
 Humidity: 10% RH to 85% RH
 Drop: - 4 feet/1.2 m
 ECD protection: 8kV air gap, 4kV contact

Communications

Serial: RS232, up to 460.8 kbps (except FP400)
 USB: 2.0 (FP400 only)
 Bluetooth: Version 2.0
 802.11 b/g (optional):
 - Frequency band 2,400 to 2,490 GHz
 - Data rates up to 54 Mbps
 - Network standard: IEEE 802.11 b/g
 - Wireless access modes: infrastructure and ad-hoc
 - Security protocols

	WPA	WPA2
Modes	PSK/Enterprise	
Security/Encryption	TKIP/RC4	CCMP/AES
Authentication	Leap	

- Network support: DHCP, TCP, UDP

Memory

FP 200: 4 MB flash/1 MB RAM
 FP 300: 4 MB flash/1 MB RAM
 FP 400: 4 MB flash/2 MB RAM

Battery Endurance

Approximate on a Single Charge
 FP200: 2,640 6" receipts
 FP300: 1,580 6" receipts

Barcodes/Fonts/Graphics

Linear: Codes 39, Code 128 A/B/C, UCC/EAN-128, Interleaved 2 of 5, UPC/EAN/JAN and Codabar
 2D Symbologies: PDF417
 Optional characters: Simplified & Traditional Chinese, Hebrew, Arabic, Polish, Greek, Cyrillic
 Graphics: Supports 8-bit graphic printing, custom font, logo downloading
 Standard fonts:
 - ASCII, International, PC line draw
 - 12CPI, 16CPI, 19CPI, 21CPI, 24CPI, 13CPI rotated

Software

Configuration utility includes:
 - Font download
 - Bluetooth® set up
 - Wi-Fi set up
 - Communications parameter set-up
 - Printer custom attributes set-up
 - Logo download
 Drivers: Windows, CE and Desktop
 Form fiesta page printing utility
 Bootloader for uploading firmware

Warranty

Printer*: 1 year (includes options)
 Printhead*: 1 year or 1 million inches, whichever comes first

Accessories

Cigarette Lighter Adaptor
 RF11 Serial Cable
 USB Cable
 Battery Charger
 IP54 Soft Case
 Shoulder Strap System (FP 200 and FP300)

*when used with approved supplies

