

Product Profile



- Superior throughput eliminates wait time at the printer
- Compact size for demanding applications where space is limited
- Supports stand-alone printer applications
- Easily adapts to changing host environments and applications
- Can emulate and replace competitive and older Intermec printers
- CompactFlash memory for quick and easy firmware, font, and memory upgrades
- Utilizes up to five interface ports simultaneously, including internal EasyLAN™ Ethernet or EasyLAN Wireless
- Magnetic QuickMount™ printhead for easy printhead installation
- User selectable printer language

EasyCoder® PF4i PRINTER

The EasyCoder PF4i is designed to excel where space is limited. Utilizing the latest technology, it features a strong and proven mechanical platform, and powerful newly developed electronics.

The EasyCoder PF4i can act as a "smart client" executing user-defined programs. This means that your printer can eliminate the PC, operate additional hardware (e.g. scanners, other printers, conveyors), access information from the network, and has the ability to change with the application for additional functionality when needed. When using the EasyLAN Wireless option, any attached peripheral devices also become part of the wireless infrastructure.

Printer command languages do not restrict the EasyCoder PF4i. The PF series printers can emulate and replace competitive and older Intermec printers without requiring any changes to the host programming or label formats.

The EasyCoder PF series features optional integrated wired or wireless EasyLAN networking. The wireless interface uses an integrated standard 802.11b/g radio providing 128-bit WEP encryption of the information relayed through the network.

The magnetic QuickMount printhead eliminates hassles and downtime. The printhead is replaced quickly and easily with the magnet and u-brackets ensuring proper alignment. The double-clutching ribbon mechanism means that you are not restricted to ribbon types based on how they are wound. The handy, inexpensive and PC-compatible CompactFlash™ memory technology provides quick and easy memory expansion for extra storage of formats, graphics, fonts, and provides an easy way to update printer firmware.

The EasyCoder PF4i bar code printer is exceptionally fast in throughput and printing, reliable, and delivers very high print quality.

Application

Direct Thermal and Thermal Transfer label, ticket and tag printer.

Physical Characteristics

LxHxW: 405 x 178 x 244 mm (15.9 x 7.0 x 9.6 in)
Weight: 8 kg (17.7 lbs.)

Print Specifications

Max. Width: 104 mm (4.09 in) at 203 dpi; 105.7 mm (4.16 in) at 300 dpi.
Max. Length w/ std memory: 2520 mm (99.2 in) at 203 dpi; 1092 mm (43.0 in) at 300 dpi.
Max length w/ 16MB SDRAM: 4095 mm (161.2 in) at 203 dpi; 2730 mm (107.5 in) at 300 dpi.

Print Speed

Up to 76 labels per minute. 101x152mm (4x6 in) GM1724 label. To learn more, please visit www.intermec.com/printspeed.

Print Direction

Prints smooth text, any size bar codes and graphics in all four orthogonal directions.

Print Resolution

8 dots/mm (203 dpi), 11.8 dots/mm (300 dpi)*

Label/Ticket/Tag

Max. Width: 114.3 mm (4.5 in)
Min. Width: 25.4 mm (1 in)
Thickness: 2.5 to 8.7 mil
Style: Roll-fed, die-cut, continuous or fanfold labels, tags or tickets
Label Roll max diameter: 150 mm (6.0 in)
Label Roll Core: 25 mm (1 in)
Media Type: Thermally sensitive media

Ribbon Roll

Ribbon roll max diameter: 65 mm (2.56 in) or approx. 300 m (980 ft) of ribbon
Ribbon Roll Core: 25 mm (1 in)
Ribbon Type: Wax, wax/resin, resin

Interfaces

Standard:

- RS-232, up to 115.2 kB/s
- USB 1.1
- Wand interface for EasySet™ System

Optional:

- EasyLAN Wireless internal Ethernet
- EasyLAN 10/100BaseT internal Ethernet

Optional interface card adapters:

- Parallel IEEE 1284
- Industrial Interface (8 digital in/out, 4 analog relays, 1 RS232/422/485 port)
- Dual Serial ports RS-232, RS-422, RS-485 and 20mA Current Loop

Network Interface Options:

EasyLAN integrated Ethernet: RJ-45 connector for 10BaseT or 100baseTX

EasyLAN Wireless:

- Fully integrated IEEE 802.11b/g
- WEP 128 bit
- Multiple industrial antenna options for maximized coverage

Supported Protocols

TCP/IP-suite (TCP, UDP, ICMP, IGMP, etc.), LPR/LPD, FTP, BOOTP, DHCP, HTTP, SNMP, SMTP. SNMP-MIB II supported (over UDP/IP), private enterprise MIB included

Software

Available printer command languages:

- IPL
 - Fingerprint/Direct Protocol
- Applications/Drivers (comes on Printer Companion CD) including:**
- InterDriver™ Windows printer driver
 - Intermec LabelShop® START label design and print package
 - Intermec Printer Network Manager for administration of networked printers
 - PrintSet for printer configuration
- Optional software for application development:**
- Fingerprint ApplicationBuilder™
 - Intermec Printer Application Server™
 - ERPLabel™ for SAP™ R/3®.

Bar Code Symbologies

Fingerprint/DP 1-dimensional: Codabar, Code 11, Code 39, Code 39 full ASCII, Code 39 w. checksum, Code 93, Code 128, Code 128 Subset A-C, DUN-14/16, EAN-8, EAN-13, EAN-128, EAN-128 Subset A-C, Five-Character Supplemental Code, Industrial 2 of 5, Industrial 2 of 5 w. checksum, Interleaved 2 of 5, Intereaved 2 of 5 w. checksum, Interleaved 2 of 5 A, Matrix 2 of 5, Postnet, Straight 2 of 5, Two-Character Supplemental Code, UCC-128 Serial Shipping Container Code, UPC-5 digits Add-On Code, UPC-A, UPC-D1 to D5, UPC-E, UPC Shipping Container Code

Fingerprint/DP 2-dimensional: Code 16K, Code 49, Data Matrix, MaxiCode, MSI(modified Plessey), PDF 417, Plessey, QR Code, MicroPDF417

IPL 1-dimensional: Codabar, Code 11, Code 39, Code 93, Interleaved 2 of 5, Code 2 of 5, Code 128, UCC-128 Serial Shipping Container Code, UPC/EAN Codes(EAN 8, EAN 13, UPC Version A, UPC Version E), HIBC Code 39, Postnet, HIBC Code 128

IPL 2-dimensional: Code 16K, Code 49, PDF417, Maxicode, JIS-ITF, Data Matrix, QR Code, MicroPDF417

Standards Supported

UPC/EAN Shipping Container; UCC/EAN 128 Serial Shipping Container; MH10.8 Shipping Label; AIAG (shipping parts label); LOGMARS; POSTNET; HIBCC; ISBT 128; GM1724; UPS shipping label; Global Transport label

Character Sets

Fingerprint/DP: 15 TrueDoc™ (scalable) fonts including 12 UNICODE (1 WGL4), 1 symbol, 1 OCR-A, 1 OCR-B. Font cache for maximum performance. ATF font support. Non-Latin fonts are available as options.
IPL: 13 TrueDoc (scalable) fonts + 20 bitmap fonts.

Graphics

Supports PCX file format.

Memory

Standard: 4MB Flash memory
 8MB SDRAM
 1 Compact Flash slot

Optional: Flash memory: Up to 16MB totally. (8+8MB)
 1GB CompactFlash memory

SDRAM: Up to 16MB totally

Protocol

Fingerprint/Direct Protocol: XON/XOFF, ENQ/ACK, DTR, RTS/CTS
IPL: XON/XOFF, Intermec Std. Protocol

Display

Back-lit LCD for 2x16 characters and 3 LED indicator lamps

Keypad Control Panel

- Full keypad control panel (Fingerprint/DP)
- Simplified keypad control panel (IPL)

Power Supply

115/230VAC auto-switch w/PFC
Voltage Range: 100-240 VAC ±10%.
Frequency Range: 45-65 Hz

Operating Environment

Temperature: +5° to +40°C (+40° to +104°F)
Humidity: 20-80% RH non-condensing
Noise: 50 dB (printing), no noise standby

Regulatory Approvals

CE (EN55022 Class A), FCC Class A, UL, CSA, C-Tick

Options

Integral Self-Strip Unit with Liner Takeup, Label Taken Sensor (LTS), CompactFlash (CF) Memory, Flash and SDRAM SIMM, Various International Double Byte Fonts*, EasySet Bar Code Wand*, External RS-232C Alphanumeric Keyboard*, Parallel Interface Board, Additional Serial Interface Board*, Industrial Interface Board*, Real Time Clock*, Media Supply Hub, Cutter

*Not applicable when using IPL firmware

North America

Corporate Headquarters
 6001 36th Avenue West
 Everett, Washington 98203
 tel: 425.348.2600
 fax: 425.355.9551

Systems & Solutions

550 2nd Street S.E.
 Cedar Rapids, Iowa 52401
 tel: 319.369.3100
 fax: 319.369.3453

Media Supplies

9290 Le Saint Drive
 Fairfield, Ohio 45014
 tel: 513.874.5882
 fax: 513.874.8487

Canada

7065 Tranmere Drive
 Mississauga, Ontario
 L5S 1M2 Canada
 tel: 905.673.9333
 fax: 905.673.3974

Europe/

Middle East & Africa
Headquarters
 Sovereign House
 Vastern Road
 Reading RG1 8BT
 United Kingdom
 tel: 44.118.987.9400
 fax: 44.118.987.9401

Asia

Asia Regional Office
 26-16 International Plaza
 10 Anson Road
 Singapore 079903
 tel: 65.6324.8391
 fax: 65.6324.8393

Intermec International Inc

14 Floor, IBM-Pacific Century Plaza
 2A Workers Stadium
 Chaoyang District, Beijing 100027
 P.R. China
 Tel: +86 (010).6539 1012
 Fax: +86 (010).6539 1025

Australia

Level 7, 200 Pacific Highway
 Crows Nest, NSW 2065
 Australia
 tel: 61.2.9492.4400
 fax: 61.2.9954.6300

South America & Mexico

Intermec South America Ltda.
 Rua Samuel Morse 120 9 andar
 Brooklin CEP04576-060
 São Paulo, SP
 Brazil
 tel: 55.11.5502.6770

Intermec Technologies de Mexico

Av Tamaulipas #141, Primer Piso
 Col. Hipodromo Condesa
 Mexico, DF, 06140 Mexico
 tel: 525.55.211.1919
 fax: 525.55.211.8121

Worldwide

Fax Document Retrieval Service
 800.755.5505
 (North America Only)
 tel: 650.556.8447

Internet

www.intermec.com

Sales

800.347.2636
 (toll free in N.A.)
 tel: 425.348.2726

Service and Support

800.755.5505
 (toll free in N.A.)
 tel: 425.356.1799

Copyright © 2004 Intermec Technologies Corporation. All rights reserved. Intermec is a registered trademark of Intermec Technologies Corporation. All other trademarks are the property of their respective owners. Printed in the U.S.A. 611556-01A 07/04

In a continuing effort to improve our products, Intermec Technologies Corporation reserves the right to change specifications and features without prior notice.





BARCODING, WIRELESS AND DATA COLLECTION

Our customers turn to us to help them become more productive and profitable. TPI's expertise guarantees your project will be successful: on time, on budget and meet your ROI requirements.

TPI will facilitate your entire wireless and data collection project:

- ✓ *Business analysis*
- ✓ *Project justification & ROI*
- ✓ *Wireless design, RF site survey and spectrum analysis*
- ✓ *WWAN, WLAN design & installation*
- ✓ *Custom software*
- ✓ *Integration w/legacy systems*
- ✓ *Mobile computers*
- ✓ *Data collection terminals*
- ✓ *Barcode printers, labels and scanners*
- ✓ *RFID solutions*
- ✓ *Configuration and deployment*
- ✓ *Training and installation*
- ✓ *Service and upgrades*
- ✓ *Remote device management and support*

TPI can share best practices in data collection from a number of industries including wholesale distribution, manufacturing, healthcare and retail/consumer goods. Our expertise allows you to shorten your learning curve and increase your return on investment.

Product specification sheet provided by TPI

www.tpi1.com
888-488-4244

