

Intermec

Product Profile



- Superior throughput eliminates wait time at the printer
- Heavy-duty metal construction withstands harsh / rugged environments
- 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
- Utilize up to five interface ports simultaneously, including internal EasyLAN™ Ethernet or EasyLAN Wireless
- Magnetic QuickMount™ printhead for easy printhead installation
- User selectable printer language

E a s y C o d e r ® P F 4 c i P R I N T E R

The EasyCoder PF4ci is an industrial printer designed to excel in demanding applications and environments where space is limited. Utilizing the latest technology, it features a strong and proven mechanical platform, and powerful newly developed electronics.

The EasyCoder PF4ci 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 retains the ability to change as needed with the application for additional functionality. 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 PF4ci. 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 an easy way to update printer firmware.

The EasyCoder PF4ci bar code printer is exceptionally fast in throughput and printing, reliable, and delivers very high print quality.

Intermec

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: 38-76 mm (1.5-3 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 intergrated 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™
 - ERLabel™ for SAP™ R/3®.

Bar Code Symbolologies

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
Crowns Nest, NSW 2065
Australia
tel: 61.2.9492.4400
fax: 61.2.9954.6300

South America & Mexico

Intermec South America Ltda.
Rua Arandu 1544-15 andar
Edificio Itavera
Brooklin Novo 04562-031
Sao Paulo, SP
Brazil
tel: 55.11.5501.2070

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 © 2003 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.
611466-01A 12/03

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

Intermec[®]
e x p e c t **MORE**[™]