Intermec

Product
Profile

- **Unmatched Flexibility**

- **Rugged and Reliable**
  Die-cast magnesium chassis and housing, offering strength and light weight.

- **Intelligent and Adaptive**
  Fingerprint™ allows the printer to easily adapt to your existing system without reinvesting time and money

- **Quick label and ribbon loading, magnet QuickMount printhead.**

- **Minimal Downtime**

- **User Selectable Printer Language**
  Choose between Intermec Fingerprint/Direct Protocol and IPL 3.

- **Easy Network Connectivity and Management**

EASYCODER® F4 PRINTER

The EasyCoder F4 is one member of Intermec's new F-Series of printers made from die-cast magnesium making it both lightweight and durable. The EasyCoder F4 is a Direct Thermal or Thermal Transfer printer built to perform in light industrial environments.

The EasyCoder F4 offers great flexibility. It can be fitted with full, half or Megatop media covers, and can be equipped with internal rewind for auto peel and much more.

The EasyCoder F4 has a 32 bit RISC processor and prints 8 ips with exceptional print quality making time to first label extremely fast.

Intermec has introduced several new features into the EasyCoder F4, all designed with ease of use for the operator in mind. It features an open web path for quick loading of media, and the Magnet QuickMount printhead

requires no tools and no technician for replacement. There is also a back-lit LCD display for easy viewing.

The EasyCoder F4 is designed to easily integrate into existing printer applications. Through Intermec's own Fingerprint printer programming language, host-programming changes need not be done.

If using Fingerprint, the printer can be equipped with an internal EasyLAN 100i Ethernet interface card for network connectivity. It is also prepared for encoding and decoding of RFID (Radio Frequency Identification) tags.

The EasyCoder F4 bar code printer, along with its 2 inch wide counterpart, the EasyCoder F2, is the ideal choice for flexibility, high throughput and dependability.

Application
Direct Thermal or Thermal Transfer multi-platform printer for self adhesive labels, tickets and tags.
Fan-fold guides come standard.

Models
EasyCoder F4 (DT)
EasyCoder F4 (TT)

Physical Characteristics
Length: 397 mm (15.6 in)
Height: 178 mm (7.0 in)
Width: 244 mm (9.6 in)
Weight: ~7 kg (15.5 lbs)

Print Specifications
Print Width:
Max. 104 mm (4 in)

Print Speed:
Variable speed 100–200 mm/s
(~4–8 in/s) at 203 dpi

Print Direction:
Prints smooth text, any size bar codes, and graphics in all four directions.

Print Resolution:
203 dpi (8 dots/mm)

Media Specifications
Label Size –
Max width: 114.3 mm (4.5 in)

Max length: 409 mm (16.1 in) with standard DRAM memory

Label/Ribbon Roll –
Label roll: diam. 152.4 mm (6 in), or 213 mm (8.38 in) with half door or Megatop

Ribbon roll: max. diam. 61 mm (2.4 in) = approx. 200–223.5 m (8000–8800 in) ribbon.

Media Core: 38-40 mm (1.5–1.6 in) or 76 mm (3 in).

Media/Ribbon Characteristics –
Style: Roll-fed, die-cut, continuous, or fanfold labels, tags or tickets

Media Type: Thermal sensitive media

Ribbon Type: Wax, wax/resin, resin

Paper Setup: EasySet™ System*—built-in bar code wand interface offers instant printer setting for various papers and other printer parameters.

Interface
Standard:
RS-232, Baud Rate 300–115200, USB

Optional:
Parallel IEEE 1284, Internal Ethernet Card (EasyLAN 100i)*, RFID encoding/decoding board*, Industrial I/O Relays*, DIDO*, RS-232*, RS-422*, 20mA Current Loop

Software
Available printer languages:
Intermec Fingerprint, Intermec Direct Protocol, IPL 3.
Windows™ printer drivers.
Intermec LabelShop®

Bar Code Symbologies
Incorporates 35 bar code symbologies, including 2-Dimensional codes.
When using IPL, 25 bar code symbologies are available.

Characters/Fonts
TrueDoc™ and TrueType™ font capability. All fonts are scalable.
Font cache for maximum performance.
15 UNICODE scalable Latin and Eastern European (1) fonts are standard (3 when using IPL).

Non-Latin fonts for the Middle East and Asia are optional. Printing of graphics and symbols is also easy.

Memory
Faster execution with new Mips 32 bit RISC processor.
Standard: 2MB Flash
4MB DRAM
1 PC-card slot
Optional: additional 4MB Flash
max. 8MB PC Card

Protocol
Fingerprint:
XON/XOFF, ENQ/ACK, DTR, RTS/CTS.

IPL:
XON/XOFF, Intermec Standard Protocol

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

Keyboard
Membrane-switch keyboard (0–9) and 12 other function keys.

Power Supply
Power Factor Correction (PFC).
Switches automatically between 115V or 230 VAC, 45 or 65 Hz.
Voltage range: 90–264 VAC.
PFC regulation.

Operating Environment
Temperature:
+5°C to 40°C (+40°F to +104°F)

Humidity:
20–80% non-condensing (depending on label material).

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

Options
Integral Self-strip Unit with Liner Takeup, Label Taken Sensor (LTS), PC Card memory, Flash SIMM and DRAM SIMM memory, Double Byte fonts, EasySet bar code Wand*, External RS-232C Alpha-numeric Keyboard*, Industrial Interface*, Real Time Clock (RTC)*, Half Side Door, Megatop Cover, Media Supply Hub (Media Supply Roll Post is standard), Cutter.

* **Not applicable when using IPL 3.**