

DIRECT THERMAL AND THERMAL TRANSFER PRINTER

EasyCoder™ F4

Benefits:

- **Reliable and Compact.** The Intermec EasyCoder F4 is a solid, dependable printer, with die-cast magnesium chassis and housing, offering strength and light weight. The design ensures steadfast performance in the many diverse environments
- **Unmatched Flexibility.** The F4 printer is built on Intermec's new printer platform that offers unmatched flexibility: 6 or 8 inch label roll, tear-off or label auto peel, labels, tickets or tags in roll or fan folded. So, the same basic printer design meets the demands of different industries.
- **Easy Network Connectivity.** The optional internal EasyLAN™ Ethernet interface easy to local or wide area networks.
- **Minimal Downtime.** Designed for user-friendliness, the EasyCoder F4 speeds the process of loading labels with Intermec's open web path. Quick mount technology makes printhead changes easy and requires no tools.
- **Intelligent and Adaptive.** Printer integration is made easy with free Windows™ drivers, support by the majority of label design software packages. The printer also boasts an easy to use protocol, Fingerprint™, which can be configured to connect to hosts and other devices.



The EasyCoder F4 is one of the new members of Intermec's new F series printers made from die-cast magnesium making it both lightweight and extremely tough. The EasyCoder F4 is a Direct Thermal and Thermal Transfer printer built to perform in harsh working environments.

The EasyCoder F4 offers great flexibility. It can be mounted with long or short side doors, hold rolls of various sizes, 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 Quick-Mount printhead requires no tools and

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

The EasyCoder F4's connectivity offerings like Ethernet, USB, RS232, Centronics, Dual RS232, Industrial I/O relays, RS422 and RS485 combined with its powerful protocol Fingerprint™ make connecting the EasyCoder F4 to any host or device effortless.

The printer can be equipped with an internal EasyLAN 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, offers you the ideal combination of flexibility, reliability and connectivity.

EasyCoder™ F4

General

Direct Thermal or Thermal Transfer printer for self-adhesive labels, tickets and tags. Peel-off, internal rewind of backing paper is optional.

Models

EasyCoder F4 (DT)

EasyCoder F4 (TT)

Physical Characteristics

Length: 397 mm (15.6")

Height: 178 mm (7.0")

Width: 244 mm (9.6")

Weight: ~7 kg (15.5 lbs)

Print Specifications

Print Width:
Max. 104 mm (4")

Print Speed:
Variable speed 100–200 mm/s
(~4–8"/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")

Max length: 409.5 mm (16.1") with standard DRAM memory

Label/Ribbon Roll –
Label roll: diam. 152 mm (6") or 213 mm (8.38")

Ribbon roll: max. diam. 62 mm (2.4") = approx. 200–220 m (8000–8800") ribbon.

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

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

Paper Type: Thermal sensitive paper

Ribbon Type: Wax, wax/resin, resin

Paper Set-up:

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

Interface

Standard: RS232, Baud Rate 300-115200, USB

Optional: Parallel IEEE 1284
Bi-directional, Internal
EasyLAN Ethernet, RFID
encoding/decoding board,
Industrial I/O Relays,
DIDO, RS232, RS422, RS485

Software

Printer language: Intermec Fingerprint, Intermec Direct Protocol, Windows™ printer drivers.

Bar Code Symbolologies

Incorporates 37 bar code symbolologies, including 2-Dimensional codes.

Characters/Fonts

TrueDoc™ and TrueType™ font capability. All fonts are scalable. Font cache for maximum performance.

15 UNICODE scalable Latin fonts are standard. Non-Latin fonts for Eastern Europe, 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: 2 MB Flash
4 MB DRAM
1 PC-card slot

Optional: max. 8 MB DRAM
max. 4 MB Flash
max. 8 MB PC Card

Protocol

XON/XOFF ENQ/ACK, DTR, RTS/CTS.

Display

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

Keyboard

Membrane switchboard (0 - 9) and 12 other function keys.

Power Supply

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

Operating Environment

Temperature:
+5°C to 40°C (+41°F to +104°F)

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

Regulatory Approvals

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

Options

Peel-off the Internal Rewind of backing paper, Label-Taken Sensor (LTS), Fan-Fold guides, PC Card memory, Flash SIMM and DRAM SIMM memory, Double Byte fonts, EasySet bar code Wand, External RS232C Alphanumeric Keyboard, Industrial Interface, Real Time Clock (RTC), Short Side Door, Paper Supply Spool (Paper Supply Hanger is standard).

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