Product profile

PD42

EasyCoder® Printer

- **Best performance and quality in its class**
- **Metal chassis and covers, proven mechanics**
- **User friendly design, simple one-button operation**
- **XML-capable to support ERP environments**
- **Multi-lingual capability, adapts to host environment changes**
- **Support for downloaded Unicode fonts**

The EasyCoder PD42 is a dependable and versatile printer suitable for medium duty applications in manufacturing, transportation and warehousing environments. With all-metal chassis and covers, proven printing mechanics and powerful electronics, it provides the sturdiness and performance your business depends on.

The EasyCoder PD42 is the first Intermec printer to feature a monochrome, graphical display, which allows users to set up, configure and fine tune printing parameters without having to send commands through the host, saving time. The display working in concert with the status lights provides the user specific feedback if the printer is in an off-line state.

The ability to use any Intermec printer language and emulate other printer protocols makes the EasyCoder PD42 both fully compatible with other Intermec equipment and a cost-effective "drop-in" printer replacement in almost any non-Intermec firmware environment.

Using Fingerprint™ programming language, the EasyCoder PD42 can change with the application. There's no need to replace the printer when you upgrade your software environment – the printer will adapt. The EasyCoder PD42 keeps your options open and protects your investment.

The EasyCoder PD42 can print demanding crisp variable-data labels continuously at 150 mm/s (6 ips). It takes industry standard 200-mm (8-in) rolls of labels and 450 m (18 000 in) of ribbon, reducing downtime for loading media to a minimum.

The printer accepts a wide range of paper types in different thicknesses, as well as both ink-in and ink-out ribbon. In addition the EasyCoder PD42 offers many Smart Printing™ features normally found only in high-performance printers. By adding Intermec's LabelShop® Pro and XMLLabel™, the EasyCoder PD42 will be fully provisioned for XML printing environments.

Support for Unicode fonts and Intermec Ready-to-Work™ indicator are standard – all at an affordable and competitive price. Networking is an increasingly important user requirement but still a rare feature in this printer class. The EasyCoder PD42 offers EasyLAN™ high-speed, multi-channel Ethernet as a standard choice.

An open and accessible design makes media loading quick and easy, and the print head can easily be replaced without using any tools.

Intermec®

Application
Direct Thermal and Thermal Transfer label, ticket and tag printing.

Physical Characteristics
Length: 453 mm (17.8 in)
Height: 273 mm (10.8 in)
Width: 270 mm (10.6 in)
Weight: 13 kg (28.7 lbs)

Print Specifications
Max. Width: 104 mm (4.09 in) at 203 dpi
105.7 mm (4.16 in) at 300 dpi
Max. Length: 1520 mm (59.8 in) at 203 dpi
1028 mm (40.5 in) at 300 dpi

Print Speed
50-150 mm/s (2-6 ips) at 203 dpi
50-100 mm/s (2-4 ips) at 300 dpi

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

Print Resolution
- 8 dots/mm (203 dpi)
- 12 dots/mm (300 dpi, option)

Label/Ticket/Tag
Width: 25-118 mm (1.00-4.64 in)
25-114 mm (1.00-4.48 in with cutter)
Thickness: 60-250 µm (2.3 to 9.8 mil)
Style: Roll-fed, die-cut, continuous or fanfold labels, tags or tickets
Label Roll max. diameter: 213 mm (8.35 in)
190 mm (7.5 in) with internal rewinder (full roll of liner/backing paper)
Label Roll Core: 37.5 or 75 mm (1.5 or 3 in)
Media Type: Direct Thermal or Thermal Transfer
Media: Roll-fed, Fanfold and Continuous.

Ribbon
Max. Ribbon Length: 450 m (18 000 in)
Ribbon Roll Core Diam: 25,4 mm (1.0 in)
Ribbon Width: 30-110 mm (1.18-4.33 in)
Winding Direction: Ink-in or Ink-out

Sensors
- Adjustable Gap, Blackmark and Punched Hole sensors
- Out-of-Media sensor
- Out-of-Ribbon sensor
- Label Taken sensor

Interfaces
Standard:
- Serial RS-232
- USB v. 2.0 full speed
- Parallel or EasyLAN Ethernet (depending on configuration)
- USB Device v.2.0 full speed
- USB Host Type A connector

Optional:
- Parallel IEEE 1284 or
- EasyLAN integrated Ethernet: RJ-45 connector for 10BaseT or 100baseTX

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
- InterDriver™ Windows printer drivers with ActiveX Controls
- Intermec LabelShop® START label design and print package
- PrintSet for printer configuration
- IPNM (Intermec Printer Network Manager) for administration of network connected printers.

Bar Code Symbologies
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, Interleaved 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, RSS, Planrt, Plessey
2-dimensional: Code 16K, Code 49, Data Matrix, MaxiCode, MSI(modified Plessey), PDF 417, QR Code, MicroPDF417, EAN.UCC Composite

Character Sets
15 TrueDoc™ scalable fonts including 12 UNICODE (1 WGL4 including Latin, Baltic, Cyrillic, Greek and Turkish characters), 1 symbol, 1 OCR-A, 1 OCR-B. Font cache for maximum performance. ATF font support. Asian, Hebrew and Arabic fonts available as option.

Graphics
Supports PCX file format, traditional BT201 Intelhex format and High-Speed Image Buffer printing

Memory
Standard: 8MB Flash memory 16MB SDRAM
(1 Compact Flash slot)
Optional: Up to1GB CompactFlash (type 1) memory

Keypad Control Panel
Keypad Control Panel and LCD console
One Print/Pause button
Four LED indicators: Power; Data Transfer; Error/ Warining; Ready-to-Work
Monochrome graphical display, 160 x 160 pixels

Power Supply
Voltage Range: 100-240 VAC ±10% auto switch
Frequency Range: 45-65 Hz

Operating Environment
Temperature: +5°- 40°C (+40°- 104°F)
Humidity: 20-85% non-condensing free air

Regulatory Approvals
FCC, UL, cUL, CE, NOM

Field Installable Accessories
Internal Rewinder, Cutter, CompactFlash Memory Cards, Parallel Interface, Real-time clock

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