

## Product profile

# PD41

EasyCoder® Printer



- Best performance in its class – prints at 6 ips continuously
- Best print quality in its class – crisp & clear labels even at full printing speed
- Metal chassis and covers, proven mechanics
- User friendly design, simple one-button operation
- Many features at an affordable price
- Multi-lingual capability, adapts to host environment changes
- Unicode printing support – wide selection of fonts, including many non-Latin

The EasyCoder PD41 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 PD41 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 PD41 offers many Smart Printing™ features normally found only in high-performance printers. Multi-language capability 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 PD41 offers EasyLAN™ high-speed, multi-channel Ethernet as a standard choice.

PrintSet™, a PC-based setup tool, makes installation and setup of the EasyCoder PD41 intuitive and easy. The one-button interface makes the printer easy to operate and well protected against unintentional changes of the setup. An open and accessible design makes media loading quick and easy, and the printhead can easily be replaced without using any tools.

The ability to use any Intermec printer language and emulate other printer protocols makes the EasyCoder PD41 both fully compatible with other Intermec equipment and a cost-effective “drop-in” printer replacement in almost any non-Intermec firmware environment. Featuring full programmability (using Fingerprint), the EasyCoder PD41 can change with the application. There’s no need to replace the printer when you upgrade your firmware environment – the printer will adapt.

The EasyCoder PD41 keeps your options open and protects your investment.

## 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)

### 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 Symbolologies

**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, Planit, 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:** 4MB Flash memory 8MB SDRAM

(1 Compact Flash slot)

**Optional:** Up to 1GB CompactFlash (type 1) memory

## Keypad Control Panel

One Print/Pause button

Four LED indicators; Power, Data Transfer, Error/Warning, Ready-to-Work

## 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 Options

Internal Rewinder, Cutter, CompactFlash Memory Cards, Parallel Interface, EasyLAN integrated Ethernet interface

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