

## Product profile

# PF8

## Desktop Printers



- IT-friendly design simplifies deployment and support, especially in networked environments
- Industry-standard connectivity options include fast, internal Ethernet
- Includes popular PrintSet configuration tool for fast set-up and upgrades
- Provides easy migration path for Intermec PC4 and other EPL desktop printers
- Compact footprint for space constrained applications
- Clamshell design makes media loading easy and intuitive
- Double-wall case provides durability
- One-inch ribbon core option (PF8t) maximizes time between roll changes
- Ideal for healthcare, transportation/ courier, retail and office environments

Designed to set a new standard in IT friendliness, the Intermec PF8 provides a compact, easy-to-use bar code printing solution that dramatically simplifies deployment and support. Its quiet, reliable operation and intuitive design make the PF8 the right fit for light duty labeling applications in transportation/ courier, healthcare, in-store retail and office environments.

### Easy to Deploy

Available in thermal transfer (PF8t) and direct thermal (PF8d) print technology models, the PF8 is packed with features that simplify deployment and reduce the need for IT support. In particular, the PF8 now includes Intermec PrintSet, a robust configuration tool that has long proven its value across the Intermec industrial printer line. PrintSet provides an easy tool for configuring printer and network settings, downloading fonts and graphics, and upgrading firmware, saving time for both set-up and ongoing maintenance.

The PF8 printers include flexible, industry standard connectivity – including parallel, serial, USB and optional internal Ethernet – enabling easy, drop-in installation in networked environments. With their compact size, common media specifications, and ESIM printer language, the PF8 printers provide an easy migration path from legacy Intermec printers such as the PC4, as well as from other desktop printers using the EPL printer language.

The PF8's off-the-shelf compatibility and certifications with a wide range of business and healthcare software applications enables users to be up and running quickly, requiring minimal IT support.

### Easy to Use

Ideal for customers who are new to label printing or who are making the switch from laser or inkjet printers, the easy-to-use PF8 reduces training needs and trouble tickets. Its double-wall clamshell construction is durable and makes media loading (and reloading) intuitive and virtually trouble-free. Users can depend on the PF8 to consistently deliver reliable, high quality bar code output.

The PF8t thermal transfer printer provides two options: a one-inch or a half-inch ribbon core. The one-inch core accommodates a larger ribbon roll (up to 900 feet), which reduces the need for frequent replacements, minimizes downtime and enables ribbons to be shared with industrial printers. The half-inch core also holds a very large ribbon roll (300 feet).

### The Right Fit

With their small footprint and near-silent operation, the PF8 printers are perfect for space-constrained environments and settings such as patient areas and offices. The PF8 printers are the right fit for a wide range of applications, including patient wristband and prescription labeling, shelf and shipping labels, asset labeling, and almost any busy place where users need reliable, easy-to-use bar code printers.

### Physical Description

The PF8d and PF8t are very compact Direct Thermal or Thermal Transfer printers for self-adhesive labels, non-adhesive tags, or continuous paper strip roll.

### Specifications by Model

	PF8d	PF8t
<b>Length:</b>	218 mm (8.58 in)	285 mm (11.2 in)
<b>Height:</b>	116 mm (4.56 in)	172 mm (6.77 in)
<b>Width:</b>	168 mm (6.61 in)	226 mm (8.9 in)
<b>Weight:</b>	2.0 kg (4.41 lbs)	2.5 kg (5.07 lbs)
<b>Print Resolution:</b>	203 dpi	203 dpi standard; 300 dpi optional
<b>Real-time Clock:</b>	Yes	Not standard; field installable option
<b>Compact Flash Slot:</b>	No	Yes

### Print Specifications

**Maximum Label Width:** 118 mm (4.65 in)

**Maximum Label Length:**

**Standard:** 203 dpi - 1727 mm (68 in)  
300 dpi - 900 mm (35 in)

**Print Direction:** Prints text, bar codes and graphics in all four directions

**Print Resolution:** 8 dots/mm (203 dpi) or 12 dots/mm (300 dpi) (PF8t)

**Print Width:** 203 dpi - max. 104 mm (4.1 in)  
300 dpi - max. 106 mm (4.2 in)

**Printing Speed:**

Selectable up to 4 ips (101.6 mm) for 203 dpi  
2 ips (50.8 mm) for 300dpi

### Media Specifications

**Label Roll -**

**Maximum Diameter:** 127 mm (5 in)

**Core Diameter:** Min. 25.4 mm (1 in)  
Max. 38.1 mm (1.5 in)

**Paper Width:** Max. 118 mm (4.65 in)  
Min. 25.4 mm (1 in)

**Label Length:** Min. 12 mm (0.5 in)

**Labels:** A wide selection of stock and custom size labels are available.

**Ribbon Roll - PF8t-0.5"**

**Max. length:** 3,588 in (91.1 m)

**Min width:** 2.36"

**Max width:** 4.33"

**Core:** 0.5" ID (12.7mm ID), with notches

**Ribbons:** A wide selection of widths and formulations available.

**Ribbon Roll - PF8t-1"**

**Max. length:** 11,811 in (300 m)

**Min width:** 2.36"

**Max width:** 4.33"

**Core:** 1.0" ID (26 mm ID) with notches

**Ribbons:** A wide selection of widths and formulations available.

**Connect to Print™**

The printer comes with all included: software, drivers, USB cable, parallel cable (PF8t), and a handy QuickGuide to facilitate getting started, and a PrinterCompanion CD with label design program, Windows™ driver and documentation.

### Software

**Printer Command Language:** ESIM (EPL2)

**Applications/Drivers:** Interdriver™ Windows Printer Driver

Intermec Label design and print package  
PrintSet for printer configuration, font and  
firmware downloading tool

### Characters/Fonts

Five resident alphanumeric fonts; expandable 8 times horizontally and 9 times vertically. Four double-byte fonts including Korean, Japanese, Chinese GB2312 and Chinese BIG-5. Printing of graphics, symbols, and downloading of additional fonts is also possible.

### Bar Code Symbologies

All major 1-dimensional bar code symbologies are available, plus five 2-dimensional codes: MaxiCode, PDF417, DataMatrix, QR-Code, and Composite Code EAN/ECC for EAN/UCC 128 w/ CC-C.

### Environment

+5° to +40°C (+40° to +104°F)

### Humidity

10-90% RH non-condensing

### Power Supply

**Separate power supply unit -**

**Input:** 100-240 V AC/50-60 Hz, 1.9 A

**Output:** 24 V DC, 3.0 A

### Memory

**Standard:** 4 MB Flash, 8 MB SDRAM

**Optional:** 1GB Compact Flash (PF8t)

### Interface

**Standard:** RS-232C, USB v.2.0, and Centronics/Parallel

**Optional:** Internal Ethernet 10/100 Mbps, External Ethernet Adaptor

### Protocol

XON/XOFF, RTS/CTS

### Operator Control

One multi-color LED indicator lamp and one Print/Feed key

### Regulatory Approvals

CE, FCC Class A, cULus, UL, GS,TUVGS, CCC, C-TICK, BSMI

### Options

Serial RS232 Cable, USB Cable, IEEE 1284 Parallel (Centronics) Cable, Self-strip, Cutter unit, 300 dpi, 1 GB Compact Flash with Real-Time Clock



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