

## Product profile

# PF8

## Printers



- Compact desktop printers for applications where space is limited
- Connect to Print for easy set up
- Unique design for easy loading
- High throughput with print speeds up to 4 inches per second
- Choice of 203 or 300 dpi print resolution

The PF8 printers, available in direct thermal (PF8d) or thermal transfer (PF8t) versions, offer compact size, sturdiness, and silent operation, perfect for a variety of applications in retail, office, service industry and healthcare settings.

The inexperienced or busy user will appreciate Intermec's Connect to Print concept, a standard feature on both the PF8d and PF8t, which makes setting up and printing a quick and easy task. Connect to Print means that the PF8 is all inclusive of software, drivers, and cables, for one low price.

In addition, the printers comes complete with LabelShop® START—Intermec's label design software—and InterDriver™ Windows™ Driver. This enables the user to easily print bar code labels from Windows applications, including Microsoft® Office™ and other popular programs.

The unique double clam shell design of both the PF8d and PF8t make it extremely easy to load supplies with the simple drop-in method. Label and ribbon changes can be done in no time.

With the smallest footprint of any Intermec fixed position printer, the PF8d is ideal for space restricted applications requiring less than 1000 labels per day. The direct thermal printer delivers clean, crisp barcodes on tags, tickets and labels. A real-time clock, a standard feature on this model, enables time stamping of the media as it prints.

Slightly larger than the PF8d, the PF8t thermal transfer printer is able to accommodate very large ribbon rolls (10,800 inches) for a printer in its class. This eliminates frequent ribbon changes and downtime. The PF8t also accepts a compact flash card to expand its memory by 1GB.

Both the PF8d and PF8t support dozens of 1D and many of the popular 2D symbologies, including DataMatrix and QR Code.

The standard 32-bit processor combined with the RS-232 Serial, USB v2.0, and parallel interfaces facilitate some of the fastest printer connections and imaging times. Firmware can easily be upgraded via the interface connection or by using the Flash memory cartridge.

The PF8 printers also come with standard features like 203 dpi, Asian fonts, and Black Mark sensor. Optional features include:

<b>PF8t</b>	<b>Both PF8d and PF8t</b>
Real-time clock	Ethernet
300 dpi	Cutter
	Self-Strip with Label-Taken Sensor

The PF8 printers are compatible with printers supporting Esim or EPL programming language (91, 7422 and C4/PC4) and are the ideal, straightforward replacement for these legacy 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.

**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)  
**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 -**  
**Max. length:** 10,800 in (274.32 m)  
**Ribbons:** Use Intermec transfer ribbons only (wax, wax-resin and resin) with core inner diameter of 26 mm (1 in) with notches.  
**Wax and Wax/Resin:** In widths of 59.6, 78.7 and 104 mm (2.35, 3.1 and 4.1 in)  
**Resin:** In widths of 53.3 and 104 mm (2.1 and 4.1 in)

**Connect to Print™**

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

**Software**

- ESim Config Tool - Font & Firmware downloading tool
- Intermec's LabelShop® START label design software
- InterDriver™ for Microsoft™ Windows™ Supports: Windows 2000, XP, and NT 4.0

**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 Symbolologies**

All major 1-dimensional bar code symbolologies 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 DRAM  
**Optional:** 1GB Compact Flash (PF8t)

**Interface**

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

**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 communication cable, RS232 Scanner Cable, Real-time clock, Self-strip, Cutter unit, EasyLAN 100e External Ethernet adapter, 300 dpi.

**North America**

**Corporate Headquarters**

6001 36th Avenue West  
 Everett, Washington 98203  
 Phone: (425) 348-2600  
 Fax: (425) 355-9551

**South America & Mexico**

**Headquarters Office**

Newport Beach, California  
 Phone: (949) 955-0785  
 Fax: (949) 756-8782

**Europe/Middle East &**

**Africa Headquarters Office**

Reading, United Kingdom  
 Phone: +44 118 923 0800  
 Fax: +44 118 923 0801

**Asia Pacific**

**Headquarters Office**

Singapore  
 Phone: +65 6303 2100  
 Fax: +65 6303 2199

**Internet**

www.intermec.com  
 Worldwide Locations:  
 www.intermec.com/locations

**Sales**

Toll Free NA: (800) 934-3163  
 Toll in NA: (425) 348-2726  
 Freephone ROW: 00 800 4488 8844  
 Toll ROW: +44 134 435 0296

**OEM Sales**

Phone: (425) 348-2762

**Media Sales**

Phone: (513) 874-5882

**Customer Service and Support**

Toll Free NA: (800) 755-5505  
 Toll in NA: (425) 356-1799

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