

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:

PF8t	Both PF8d and PF8t
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
Length:	218 mm (8.58 in)	285 mm (11.2 in)
Height:	116 mm (4.56 in)	172 mm (6.77 in)
Width:	168 mm (6.61 in)	226 mm (8.9 in)
Weight:	2.0 kg (4.41 lbs)	2.5 kg (5.07 lbs)
Print Resolution:	203 dpi	203 dpi standard; 300 dpi optional
Real-time Clock:	Yes	Not standard; field installable option
Compact Flash Slot:	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.

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PF8

Intermec Media
and Ribbons for
the PF8d and
PF8t Printers

MEDIA: 1.5" Core inner-diameter, 4.90" Roll outer-diameter

Part Number	Description	Label Dimension
E24046	Duratherm II Label	4"x6"
E15539	Duratherm III Label	4"x6"
E15536	Duratherm III Label	4"x2.5"
E15535	Duratherm III Label	4"x2"
E15534	Duratherm III Label	4"x1"
E15532	Duratherm III Label	2.25"x1.25"
E20073	Duratherm III Cold-temp Label	4"x4" (fanfold)
E04810	Duratran II Label	4"x6.5" (fanfold)
E04811	Duratran II Label	4"x6" (fanfold)
E15527	Duratran II Label	4"x6"
E15523	Duratran II Label	4"x2"
E15522	Duratran II Label	4"x1"
E17012	Duratran II Label	3"x1"
E15520	Duratran II Label	2.25"x1.25"
E22233	Duratran II Gloss Polyester	2"x1"

RIBBONS: 1" Core inner-diameter; all ribbons are 10,800 inches long

Part Number	Product Description	Width
11232211	TMX1500	2.35"
11233011	TMX1500	3.1"
11234012	TMX1500	4.1"
12232311	TMX2200	2.35"
12233111	TMX2200	3.1"
12234012	TMX2200	4.1"
13632111	TMX3202	2.1"
13634012	TMX3202	4.1"