

**Intermec**

## Product Profile

- Outstanding performance and print quality – prints up to 115 crisp GM1724 (4 x 6 in) labels per minute
- Reliable – sturdy all-metal construction provides 24/7 printing in harsh industrial environments
- Investment protection – easily adapts to changing host environments and applications
- Easy to integrate mechanically and system-wise
- Supports stand-alone printer applications, eliminating the expense of PCs
- Integrated media and ribbon sensors alert user preventing work stoppages
- Emulates and replaces competitive and older Intermec printers
- User choice of IPL or Fingerprint/DP printer command language
- Versatile connectivity – utilizes up to seven interfaces simultaneously
- Interchangeable printheads provide choice of 203 or 300 dpi print resolution



### EasyCoder® PX-SERIES PRINTERS

The EasyCoder PX4i and PX6i are rugged high-performance printers designed to excel in demanding 24/7-duty applications. Featuring a maximum print width of 4 or 6 in respectively, both versions are available with 203 or 300-dpi resolution printheads.

The PX-series printers offer a very high throughput while retaining an impressively high print quality – also when printing long series of demanding labels with a lot of variable data. This is obtained by the combination of powerful, individually controlled micro-step motors, a generously dimensioned power supply, high processing power and a new high-performance printhead with sophisticated thermal management.

Sturdy steel/cast-metal chassis and covers, and proven mechanics assure top reliability even when operated continuously in harsh environments. The modular design makes the printer easy to adapt, maintain and service.

As a true industrial printer, the EasyCoder PXi is not only fast and reliable. It's also designed for easy integration into the manufacturing process. It can be mounted in virtually any position and has a form factor that makes it easy to build into a manufacturing line. Generously furnished with connectivity options, the PXi can utilize up to five COM ports simultaneously, plus USB and wired/wireless networking. Other options include

parallel and industrial "PLC" interfaces.

The EasyCoder PX is a "smart printer" with the ability to execute user-defined programs. Eliminating the need for a PC, it can operate production line machinery, like scanners, scales, other printers and conveyors, and access information from the network host. The EasyCoder PX is in fact fully programmable with the ability to change as needed with the application for additional functionality. This provides investment protection to the user.

Printer command languages do not restrict an EasyCoder PX-series printer. It can be taught to communicate with and replace competitive and older Intermec printers without requiring any changes in host programming or of existing label formats.

Additional features are the Intermec Readiness Indicator (IRI) indicating the individual/system status of the printer and other connected Intermec hardware, and various printer/system remote management tools like IPNM and Intermec Device Management. Integrated media and ribbon sensors, which alert users prior to work stoppages, are standard. Handy and inexpensive CompactFlash memory technology facilitates quick and easy upgrade of firmware, fonts and memory.

The EasyCoder PX series – true high-performance, 24/7-duty, printers for those who expect more.

Intermec

**Application**

Direct Thermal (DT) and Thermal Transfer (TT) printing of adhesive labels, tickets and tags.

**Models**

EasyCoder PX4i  
EasyCoder PX6i

**Physical Characteristics**

**LxHxW:** PX4i: 482 x 238 x 275 mm  
(19.0 x 9.4 x 10.8 in)  
PX6i: 482 x 238 x 335  
(19.0 x 9.4 x 13.2 in)  
**Weight:** PX4i: 12.85 kg (28.4 lbs)  
PX6i: 14.80 kg (32.6 lbs)

**Print Specifications****Max. Print Width:**

PX4i: 112 (DT)/110 (TT) mm (4.4/4.3 in)  
PX6i: 167.4 mm (6.59 in)

**Max. Length with extended memory:**

32 767 dots = 4095 mm (161 in) at 203 dpi  
= 2775 mm (109 in) at 300 dpi

**Print Speed**

PX4i: 100 - 300 mm/s (4 - 12 ips) variable  
PX6i: 100 - 225 mm/s (4 - 9 ips) variable

**Print Direction**

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

**Print Resolution**

8 dots/mm (203 dpi), 11.8 dots/mm (300 dpi)

**Label/Ticket/Tag**

**Max. Width:** PX4i: 120 mm (4.72 in)  
PX6i: 170 mm (6.69 in)

**Min. Width:** PX4i: 50.8 mm (1.0 in)  
PX6i: 76.2 mm (3.0 in)

**Thickness:** 60 to 250µm (2.4 to 10 mil)

**Style:** Roll-fed, die-cut, continuous or fanfold labels, tags or tickets

**Label Roll max diameter:** 213 mm (8.38 in)

**Label Roll Core:** 38-76 mm (1.5-3.0 in)

**Media Type:** Thermally sensitive media

**Ribbon Roll**

**Ribbon roll max diameter:** 80 mm (3.15 in) corresponding to up to 600 m (23 600 in) in length

**Ribbon Roll Core:** 25 mm (1.0 in)

**Ribbon Type:** Wax, wax/resin, resin

**Interfaces****Standard:**

- RS-232, up to 115.2 kB/s
- USB 2.0
- Wand interface for EasySet™ System

**Optional**

- EasyLAN 10/100BaseT internal Ethernet
- EasyLAN Wireless internal Ethernet

**Optional interface card adapters:**

- Parallel IEEE 1284
- Industrial Interface (8 digital in/out, 4 analog relays, 1 RS232/422/485 port)
- Dual Serial ports RS-232, RS-422, RS-485 and 20mA Current Loop

**Network Interface Options:**

**EasyLAN intergrated Ethernet:** RJ-45 connector for 10BaseT or 100baseTX

**EasyLAN Wireless**

- Fully integrated IEEE 802.11b/g
- WEP 128 bit
- Multiple industrial antenna options for maximized coverage

**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****Available printer command languages:**

- IPL
- Fingerprint/Direct Protocol

**Applications/Drivers (comes on Printer Companion CD) including:**

- InterDrive™ Windows printer driver
- Intermec LabelShop® START label design and print package
- Intermec Printer Network Manager for administration of networked printers
- PrintSet for printer setup/configuration

**Optional software for application development:**

- Fingerprint ApplicationBuilder® (IFAB)
- Intermec Printer Application Server™
- ERLabel™ for SAP™ R/3®.

**Bar Code Symbolologies****DP 1-dimensional Codes:**

Codabar, Code 11, Code 39, Code 93, MSI(modified Plessey), Code 128, Code 128 Subset A-C\*, DUN-14/16, UPC/EAN Codes (EAN 8, EAN 13, UPC Version A, UPC Version E), EAN-128, EAN-128 Subset A-C\*, Industrial 2 of 5\*, Interleaved 2 of 5, Interleaved 2 of 5 A\*, Matrix 2 of 5\*, Postnet, Straight 2 of 5\*, UCC-128 Serial Shipping Container Code, RSS, HIBC Code 39 (IPL only), HIBC Code 128 (IPL only), JIS-ITF (IPL only)

**2-dimensional Codes:**

Code 16K\*, Code 49, Data Matrix, MaxiCode, PDF417, QR Code, MicroPDF417, EAN.UCC Composite

**Standards Supported**

UPC/EAN Shipping Container; UCC/EAN 128 Serial Shipping Container; MH10.8 Shipping Label; AIAG (shipping parts label); LOGMARS; POSTNET; HIBCC; ISBT 128; GM1724; UPS shipping label; Global Transport label

**Characters Sets**

**Fingerprint/DP Firmware:** 15 TrueDoc™

(scalable) fonts including 12 UNICODE (1 WGL4), 1 symbol, 1 OCR-A, 1 OCR-B. Font cache for maximum performance. ATF font support. Non-Latin fonts are available as options.

**IPL Firmware:** 13 TrueDoc (scalable) fonts + 20 bitmap fonts.

**Graphics**

Supports PCX file format.

**Memory**

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

1 Compact Flash slot  
**Maximum:** Flash memory: Up to 16 MB  
(optional) 1GB CompactFlash memory  
SDRAM: Up to 16MB

**Protocol****Fingerprint/Direct Protocol:**

XON/XOFF, ENQ/ACK, DTR, RTS/CTS

**IPL:**

XON/XOFF, Intermec Standard Protocol

**Display**

Back-lit LCD for 2x16 characters and 3 LED indicator lamps

**Keypad Control Panel**

- Advanced keyboard (Fingerprint/DP)
- Alpha-numeric keyboard (FP/DP option)
- Simplified keyboard (IPL)

**Power Supply**

115/230VAC auto-switch w/PFC

**Voltage Range:** 90-265 VAC

**Frequency Range:** 45-65 Hz

**Operating Environment**

**Temperature:** +5° to +40°C (+40° to +104°F)

**Humidity:** 10-90% RH non-condensing

**Noise:** 50 dB (printing), no noise standby

**Regulatory Approvals**

CE (EN55022 Class A), FCC Class A, UL, CSA, C-Tick

**Options**

Integral Self-Strip Unit with Liner Takeup, Label Taken Sensor (LTS), CompactFlash (CF) Memory, Flash and SDRAM SIMM, Various International Double Byte Fonts\*, EasySet Bar Code Wand\*, Alphanumeric Keyboard (external or built-in)\*, Various Interface Boards, Real Time Clock\*, Media roll retainer, Fanfold Guide, Cutter

\*Not applicable when using IPL firmware

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