

**DIRECT THERMAL/  
THERMAL TRANSFER  
PRINTER**

EasyCoder™ **4420**

**Benefits:**

- **Unsurpassed Reliability**  
Based on the proven design of other successful Intermec printers, the 4420 performs non-stop, delivering fast, reliable printing at an economical price.
- **Versatile**  
High quality printing and a 112 mm (4.4") print width makes the 4420 ideal for a variety of applications.
- **Continuous Duty Cycle**  
The 4420 is built for demanding, high volume, harsh printing environments where round-the-clock performance is required.
- **Unequaled Print Registration**  
Intermec's exclusive PrecisionPrint™ technology offers incomparable image registration on a wide range of labeling applications.
- **IPL Compatibility**  
The 4420 with IPL3™, Intermec's latest printer language, is backward compatible with earlier Intermec IPL™ printers.



Superior performance at an economical price distinguish the 4420 as a rugged, reliable, high-volume, continuous duty cycle printer not normally associated with high-end performance printers. Unlike many printers in this price range, the 4420, housed in an all-steel casing, is ideal for harsh or adverse environments. With 32-bit RISC processing and 20.32cm/sec (8")/second print speed, the 4420 is both fast in image formatting and time-to-first print.

Featuring a variety of options, this 203 dpi printer is easily configurable to suit your particular environment. The 4420 comes standard with bidirectional parallel and high speed RS-232 communications interfaces. Options such as full batch take

up with auto-peel, cutter, internal IBM Coax™ and Twinax™ adapters and internal ethernet interface are all available.

Originally introduced on the EasyCoder 3240, PrecisionPrint™ technology keeps the printed image within the tightest tolerance, whether printing in batch or on demand operation. Even on tough labels where problems with label registration show up immediately, as with oddly shaped or small labels or those labels with a preprint, the 4420 excels with this proven technology.

With robust performance, fast throughput and all-steel housing, the 4420 is built to take it in harsh, industrial, manufacturing, distribution and warehousing environments.

EasyCoder™ **4420****General**

Direct Thermal and Thermal Transfer Printer for self-adhesive label, ticket and tag applications. Auto-peel, full internal rewind and cutter optional

**Model**

EasyCoder 4420

**Physical Characteristics**

**Depth:** 43.82 cm (17.25")

**Height:** 41.91 cm (16.5")

**Width:** 24.8 cm (9.75")

**Weight:** 19.35 kg (43 lbs.)

**Print Specifications**

Thermal Transfer and Direct Thermal Printing

**Selectable Print Speeds:**

5.08cm (2"), 7.62 cm (3"), 10.16 cm (4"), 12.70 cm (5"), 15.24 cm (6"), 17.78 cm (7"), or 20.32 cm (8") centimeters/inches per seconds

**Resolution:** 8 dots/mm (203 dots per inch)

**Maximum Width:** 112 mm (4.4")

**Maximum Length:** Unlimited

**Element:** 0.125mm (0.00492)

**Media Specifications**

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

**Type:** Plain paper thermal transfer or thermal sensitive papers

**Maximum Media Width:** 114 mm (4.5")

**Minimum Media Width:** 19 mm (.75")

**Maximum Media Length:** 1220 mm (48")

**Minimum Media Length:** 12.7 mm (.5")

**Thickness:** .08 mm to .3 mm (.0003 to .012")

**Supply Roll Capacity:** 152.4 m (6000" linear)

**Ribbon Specifications –**

**Type:** Wax, wax/resin, resin  
**Standard Widths:** 5.38 cm (2.12"), 7.62 cm (3.0"), 10.41 cm (4.1"), 11.43 cm (4.5")  
**Length:** 457 m (18,000")

**Font Specifications**

21 resident bit-mapped fonts (includes OCR-A and OCR-B), 3 resident outline fonts, supports user-defined fonts and graphics, supports True Type fonts

**Language**

IPL3™, Compressed Graphics, GLOBE™, Backward Compatibility with 86XX and IPL2™

**Connectivity**

Serial interface standard

IEEE 1284 Parallel standard

Internal Ethernet interface optional

Internal IBM Twinax or Coax interface optional

**Microsoft® Windows**

Intermec InterDriver™ standard  
Windows 3.x, 9x, NT 4.0/5.0

Intermec ActiveX® controls standard  
Windows 9x, NT 4.0/5.0

PrintSet™ printer configuration utility  
Windows 3.x, 9x, NT 4.0/5.0

NetPilot™ + Thin Wizard™ network configuration utility (with optional Ethernet)

Windows 9x, Windows NT 4.0/5.0

**Character Sets**

Unicode, all single byte codepage, all doublebyte codepage

Code page 850, French, German, ISO 256 character, Italian, Kanji/Katakana (optional), Norwegian/Danish, Spanish, Swedish/Finnish, Swiss, UK ASCII, USA ASCII

**Power Supply**

110, 115, 200, 230 VAC;  
50Hz to 60Hz

**Environment**

**Operating Temperature:**  
4° to 40°C (40° to 104°F)

**Storage Temperature:**  
0° to 70°C (32° to 120°F)

**Humidity:** 10 to 90% (non condensing)

**Ventilation:** Free air

**Bar Code Symbolologies**

Code 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, HIBC, Interleaved 2 of 5, Postnet, UPC/EAN, JIS-ITF

**2D:** Code One, Code 16K, Code 49, DataMatrix, PDF417, QR Code

**Regulatory Approvals**

Complies with all FCC Part 15, Class A; CISPR 22 Class B; ICES-003 Class B; UL, CSA & TÜV-GS agency approved; CE, NOM & C-TIC

**Options**

Internal rewind with auto-peel, DRAM image expansion, 4MB Flash storage expansion, 16MB Flash storage expansion, cutter

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