

product specifications

physical characteristics

Length

45.7 cm (18.0")

Height

36.0 cm (14.2")

Width

38.7 cm (15.3")

Weight

29.5 kg (65 lbs.)

features

Intermec Printer Language (IPL) • High performance 32-bit RISC processor • Adjustable label gap sensor • 300 dpi high-resolution printhead • Clear side door panel • Fully enclosed media supply • Easy-to-use, back-lite control panel • Large 457 m (18,000") ribbon capacity • International autoranging power supply • Print Set Windows based configuration utility • Built for heavy duty/harsh environment operation

printing specifications

Element

0.085 mm (0.00333")

Width

216 mm (8.5") max.

Length

up to 152 mm (6") with standard memory; up to 24,989 mm (98") with optional on-board 16MB memory expansion

"X"-Dimension

.085 to 2.794 mm (3.3 to 110 mil)

Speed

51 to 127 mm/sec (2" to 5" per second)

Resolution

11.8 dots per mm (300 dpi)

label specifications

Roll

152 m (6,000 linear inches)

Roll Diameter

210 mm (8.25") maximum

Width

76 to 229 mm (3.0" to 9.0")

Thickness

.0635 to .254 mm (.0025" to .0100")

Length

13mm (0.50") minimum

Core size

76 mm (3")

Fan fold stock accepted from rear and bottom of printer



ribbon specifications

Roll

457 m (18,000") linear

Width

Must be greater than media width

communications

Rate

110 bps to 19,200 bps

Standard

Centronics® Parallel port, two RS-232C/RS-422/485 ports, and 25-pin General Purpose I/O port

Protocols

Intermec standard, Xon/Xoff, Polling Mode D, Multi-Drop or User Defined

intermec programming language™

IPL is an advanced printer programming language that includes many features not available in other bar code printers

Advanced bar code algorithms handle all required encodation

Error detection protocols verify secure data transmission

Command errors and printer status are easily identified to your host

Communicates printable ASCII or control characters

Independent character and field rotation

fonts and graphics

Uses Bitstream® typefaces

Supports user-defined fonts and graphics

Twenty-one resident bit-mapped fonts (includes OCR A and B), plus one resident smooth outline fonts

character sets

8-bit ISO character sets, French, German, IBM Code Page 850, Italian, Norwegian/Danish, Spanish, Swedish/Finnish, UK ASCII, USA ASCII

sympologies available

Interleaved 2 of 5, Code 11

2D sympologies

Code 39, Code 93, Code 16K, Code 128, Codabar, Code 49, Postnet, UPC/EAN, Code One, Maxi Code, PDF 417

electrical

115, 230 VAC, 50/60 Hz, auto ranging, switching power supply

environment

Operating
4° to 38°C (40° to 100°F)

Storage
0° to 49°C (32° to 120°F)

Humidity

Non-condensing (10% to 95%)

regulatory agency approvals

CAN SOR/88-475, CSA certified, FCC Part 15 Rules, TÜV Rheinland GS licensed, UL listed, Compliant with European EMC and Low Voltage Directives

options

Internal media or liner rewinder • 2MB SRAM storage memory module • Heavy stock cutter • Self-Strip adapter with present sensor • 4MB DRAM image memory expansion • Heavy stock cutter tray • Internal IBM Coax/Twinax adapter • 16MB DRAM image memory expansion • Users Manual



print!
capture!
connect!

4830

direct
thermal/
thermal
transfer
bar code
printer

north america

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