

DIRECT THERMAL/
THERMAL TRANSFER
PRINTER

EasyCoder™ 4830

Benefits:

- **Superior Technology**
Thermal transfer's inherent technology is more reliable and faster than alternative printing technologies making the 4830 ideal for high volume, wide label printing.
- **Exceptional Print Quality**
The 4830 delivers high quality images and text at 300-dpi resolution.
- **Engineered to Last**
Whether on the manufacturing line or in the warehouse, the 4830 with its full metal housing is the ideal technology for industrial settings.
- **IPL Compatible**
The 4830 with IPL, the Intermec Printer Language, ensures compatibility and easy integration with Intermec's existing IPL printers.



For applications requiring 21.59 cm (8.5") print width, look to Intermec's exclusive high performance, 300 dpi 4830 printer. Designed for high volume printing, the 4830 with its 32-bit RISC processor delivers quick formatting and fast printing at 12.70 cm (5") per second.

Alternative printer technologies are often utilized for wide label, ticket and tag printing simply because the technology is already in use for other applications, such as in the case of laser, dot or line matrix printers. However, when the application

calls for continuous printing of images, text and bar codes, thermal transfer technology offers the best option with minimal maintenance and downtime and faster performance. The 4830 is ideally suited for printing banners, container labels, chemical drum labels, multiple across labels, pallet labels, picking tickets, work order tickets and much more.

In keeping with its tough, rugged design the 4830 can also be equipped with a heavy-duty cutter for cutting tags and tickets.

EasyCoder™ 4830

General

Direct Thermal and Thermal Transfer Printer for high volume wide self-adhesive label, ticket and tag applications. Internal rewind, auto-peel and cutter optional.

Model

EasyCoder 4830

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.)

Print 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)

Media Specifications

Roll: 152 m (6,000" linear)

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: 13 mm (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

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

Communications

Rate: 110 bps to 19,200 bps

Standard: Centronics® Parallel port, two RS-232C/RS-422/485 ports, and 25-pin

Protocols: Intermec standard, XON/XOFF, Polling Mode D, Multi-Drop or User Defined

Software

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 use-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

Bar Code Symbolologies

Interleaved 2 of 5, Code 11

2D symbolologies

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

Power Supply

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

Environment

Operating Temperature:
4° to 38°C (40° to 100°F)

Storage Temperature:
0° to 49°C (32° to 120°F)

Humidity: Non-condensing (10% to 95%)

Regulatory Approvals

ICES-003; 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, Auto-peel 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

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