ULINE

H-4029 BAR CODE PRINTER
TECHNICAL SPECIFICATIONS

Maximum Print Area
Width: 4.09"
Length: 39"
Resolution: 203 dpi
Maximum Print Speed: 6"/sec
Memory: 128 MB Flash,
            128 MB RAM

Physical Characteristics
Width: 9.5"
Height: 10.9"
Depth: 17"
Weight: 20 lbs.

Media Specifications
Label & Liner Width: .75" – 4.5"
Ribbon Width: 1.57" – 4.33"

STANDARD FEATURES

- Print methods: thermal transfer or direct thermal
- Construction: Rugged all-metal case for long-lasting use
- Transmissive/reflective media sensor
- 32-bit processing
- Selectable print speeds up to 6"/sec

PROGRAMMING LANGUAGES

- **ZPL® & ZPLII®** – Universal language for Zebra printers. Simplifies label formatting and enables seamless compatibility with other Zebra printers.

OPERATION CHARACTERISTICS

Environment
- Operating Temp: 40°F – 105°F
- Storage Temp: -40°F – 140°F
- Operating Humidity: 20 – 85% non-condensing
- Storage Humidity: 5 – 85% non-condensing

Agency Approvals
- IEC 60950-1, EN55022 Class B, EN55024, EN61000-3-2,3

Electrical
- Universal power supply with factor correction
- 90-265 VAC; 48-62 Hz

Communication Interface Capabilities
- Internal parallel port option, ZebraNet 10/100 Print Server, ZebraNet n Print Server

MEDIA CHARACTERISTICS

Labels
Max. roll size: 8" on a 3" ID core

Thickness (Label & Liner)
.003" – .010"

Media Types
Continuous, die-cut, black mark, notched

Ribbons
Max. roll size: 3.2" on a 1" ID core

Standard Lengths
984 – 1,476' capacity; provides 3:1 media roll to ribbon ratio

Ribbon Setup
- Ribbon wound ink side out
- Ribbon is recommended to be at least as wide as media

FONTS/GRAPHICS/SYMBOLOGIES

Fonts & Character Sets
- Bitmap fonts A through H and GS symbols are expandable up to 10 times; height & width independent
- Smooth, scalable font Ø (CG Triumverate™ Bold Condensed) is expandable dot-by-dot; height and width independent
- IBM® Code Page 850 International characters

Graphic Features
Supports user-defined font and graphics, including custom logos.

Bar Code Symbologies
Linear Bar Codes:
Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar, Planet Code
2-Dimensional:
Codablock, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, TLC 39, Micro PDF, Aztec, RSS-14 (and composite)