

■ BarDIMM®

Introduction

From the stockroom, to the manufacturing floor, to employee timecards and badges, barcodes are an integral part of the resource management process in today's corporate world. Indeed, the ability to create custom barcodes on demand is essential to the success of these operations. In the past, a dedicated printer was required to create such barcodes. But thanks to BarDIMM modules from Capella Technologies, you can now create barcodes quickly and easily on most recent Hewlett Packard® LaserJet™ printers.

These modules plug directly into the DIMM sockets on compatible models, instantly giving these printers the ability to produce precise barcodes in practically any format. The high output quality of today's LaserJet printers ensures that these barcodes can be easily read by standard OCR products. Indeed, an appropriate HP LaserJet printer equipped with one of these modules is fully compatible with ENC/MITL (European Normalization Committee/Multi-Industry Transport Label) specifications.

Unlike some barcode solutions, which merely add fonts to a printer, BarDIMM modules actually extend the PCL language. Barcode formatting, error detection and checksum applications are performed in the printer, reducing the load on the host system and the network. For maximum flexibility, barcodes can be printed in almost any size or rotation. The user can adjust bar width and height. And text values can be embedded in the bars, half embedded in the bars, or printed above or below the bars in a variety of fonts and sizes.

The BarDIMM modules also include the contents of HP's "Barcodes and More" font products, giving them instant compatibility with existing software applications that support these popular products.

BarDIMM Pro 3.3 can be easily used from Windows, Unix, AS/400 and Mainframes. On a PC under Windows, including a barcode in a document is as easy as selecting a new font in your Windows application (Word, Excel, MS-Access...).

With BarDIMM Pro 3.3, no programming is required to print professional barcodes: the printer does the job automatically, from checking and compressing incoming data, calculating checksum, to writing text under or above the bars. Furthermore, it features OMR codes for folding/inserting mailroom machines as well as an extensive list of fully scalable manufacturing, safety

and symbols used by most companies.

BarDIMM Pro 3.3 is directly usable from Windows thanks to its patent-pending Windows interface, is supported by many ERPs including SAP R/3 and usable from Oracle, Peoplesoft and JD Edwards and any custom application on virtually any system.



The advantages of BarDIMM Pro 3.3:

- Easy to Install: install BarDIMM like a RAM DIMM in the hp printer.
- Universal: supports more than 50 types of barcodes.
- Plug&Play in Windows application, standard activation through the application font menu (click here for for information).
- BarDIMM is supported by SAP R/3 V3.x and V4.x (for V2.1/2.2, see note R/3 5196).
- BarDIMM is easily usable in PCL/SCS mode from AS/400 and from Unix systems using the included FreeScale technology.
- BarDIMM supports almost every barcoding symbology, including 2D barcodes, at any size and direction, with a high resolution (600 dpi).
- Checks and validates incoming data.

**Supported Barcodes:**

1D barcodes
 UPC-A
 UPC-E
 EAN-8
 EAN-13
 Code 39
 Extended Code 39 (also known as code 3 of 9)
 Code 93
 Extended code 93
 Interleaved 2 of 5 (also known as code 25 Interleaved) Industrial 2 of 5 (also known as code 25 Industrial) Matrix 2 of 5 (also known as code 25 Matrix) Code 128 EAN 128 UCC 128
 Codabar Monarch MSI Plessey

2D Barcodes:

PDF 417
 UPS Maxicode
 DataMatrix
 AZTEC
 QRCode
 Codablock-F

Postal Barcodes:

ZIP+4 Postnet
 USPS Tray barcode
 USPS Sack barcode
 USPS Zebra barcode

OMR Codes:

Optical Marks Recognition marks for most common mailroom equipments

Other (barcode font symbols):

OCR-A
 OCR-B

- Supports 2D barcodes: PDF417, UPS Maxicode, DataMatrix, QRCode, Aztec, Codablock
- Fast and accurate: used in PCL 5 mode, at 600 dots per inch (dpi).
- BarDIMM is 100% compatible with the hp Bar Code & More #C2053 cartridge.
- Freescape technology to replace Escape char with an ASCII character, configurable from the printer front panel menu and through escape sequence.
- BarDIMM includes an extensive library of scalable symbols used on labels and shipping/manufacturing documents.

About Capella Technologies, Inc.

Capella Technologies provides Document Output Management & Job Accounting products which enable companies to format, print, monitor, allocate, archive, distribute and secure business-critical documents in the most cost-effective way possible.

With our 25+ years of industry experience, our long-standing relationship with Hewlett Packard, and our extensive expertise in legacy/ERP system integration, we can help your company to:

- Streamline printing processes
- Reduce overhead costs
- Enhance document/data security
- Improve document quality and consistency

To learn more about Capella Technologies' (name of product data sheet is written about) or other products, please visit our website at www.capellatech.com or email sales.info@capellatech.com.

(The Advantages of BarDIMM Pro 3.3, cont'd)

- Error messages when barcode data is NOT valid for the active symbology.
- Automatic Checksum calculation and data compression.
- Text is automatically printed under the bars, formatted and scaled by the printer.
- Supports Code/EAN/UCC 128 (with automatic switch between sets A, B and C).

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