

Technical Specification

Print area: 1/2" to 16"

Print resolutions & speeds:

Fixed dpi setting and speeds

- 600 x 150 dpi @ 150 meters per minute
- 600 x 200 dpi @ 110 meters per minute
- 600 x 300 dpi @ 75 meters per minute
- 600 x 600 dpi @ 37 meters per minute

Infinite dpi setting and speeds (Patent Technology)

- The horizontal dpi can be set to any dpi from 1 to 600 dpi and speed varies according to the dpi setting.
- Advantages to this Infinite DPI are as follows:
 1. DPI can be set to minimize the ink usage
 2. Barcode can be printed at any width size with good print quality
 3. Can set the resolution to print suite sub optimal substrates
 4. Can set the resolution to optimized print speed based on substrates

Printhead sizes:

1/2 inch, 1 inch, 2 inch, 4 inch

Pens:

Hewlett-Packard Standard 45A cartridge (1/2" print swath @ 600 nozzles per inch)

Print Controller size:

2 inches small enclosure box use as a single system using TCP/IP Ethernet connection link with computer. Hydra user software can operate with computer that has either Windows XP or Windows 7 operating system.

Print Capability

Fonts

- Windows Open, Windows True Type

1D Barcodes

- CodaBar
- Code 128, 128A, 128B & 128C
- Code 39 Full ASC II
- Code 93 Full ASCII
- EAN 8, EAN 13 & EAN 128
- Interleaved 2 of 5
- Pharma code
- Plessey
- UPC A & UPC E

Objects

- Static texts and variable records texts
- Bitmaps and conditional bitmaps
- Date/time codes, shift codes, and user inserts

Optional:

2D Barcodes and Postal Barcodes