Barcode label printers for industrial and retail environments

Compuprint 6414

The Compuprint 6414 is the mid-range model in the new thermal product line. The Compuprint 6414 offers users a durable, technologically advanced thermal printer with the design principles that have proven successful in previous thermal printers. The small footprint makes the printer suitable for use when space is limited. The Compuprint 6414 is designed to address the industrial marketplace with the performance and value required for this segment. The Compuprint 6414 is a feature-rich printer built with a full metal structure, creating an industrial performance printer at a value price.

Value and Features

- **Choice of 203 and 300 dpi print resolutions**
- **Standard Zebra, Datamax and EPL II emulations**
- **Extensive resident fonts and linear and 2D barcodes**
- **Enhanced Ribbon mechanism that allows the use of both winds of ribbons**
- **Choice of Direct Thermal or Thermal transfer configuration**
- **Parallel, Serial and USB interfaces**
- **Transmissive and Reflective media sensors as standard**
- **Ergonomic design that fits in limited workplace applications**
- **High image quality ideal for critical bar code labeling**
- **Powerful 32-bit multi-tasking processor**

High Productivity

Compuprint 6414 printer offers batched and on demand thermal printing solutions that meet the most demanding needs of busy manufacturing, warehouse and logistics operations. At 10 inches per second the Compuprint 6414 is ideal for meeting the special printing needs of many industrial applications, including bar code labels for component and pallet identification on manufacturing lines. The Compuprint 6414 thermal printers are tough and reliable, and are ready to deliver solutions to many thermal printing needs.

Compatibility and Quality

The Compuprint 6414 thermal printer connectivity is assured by their standard IEEE 1284 parallel, serial and USB interfaces. It is supplied with 8Mb standard DRAM memory and a 4Mb Flash memory for fonts, logos and label formats.

The extra-sharp 300 dpi image quality is fully capable of 2D, state-of-the art barcode printing, ensuring flawless imaging and long-term forward compatibility. The high image quality makes them capable of being used for critical bar code labeling applications such as medical, chemical and hazardous materials.

Typical Applications

- Goods in and material tracking
- Shipping and receiving labelling
- UPC and EAN product marking
- Manufacturing component labelling
- Ticketing

Compuprint 6414 thermal printer is setting the highest standards for quality.

A standard international character set is provided with a choice of nine fonts that can be supplemented with many downloadable "soft fonts". Most commonly used bar codes are supported on the Compuprint 6414 printer and graphics images may be stored to enhance label design.

GDS Compuprint

Technical Specifications

Compuprint 6414

Print technology	**6414-DT & 6414-TT**	Direct Thermal or Thermal Transfer	**6414-H**	Thermal Transfer
Max. print speed	**6414-DT & 6414-TT**	254 mm/s (10 inches per second)	**6414-H**	153 mm/s (6 inches per second)
Dot Density	**6414-DT & 6414-TT**	203 dpi (8 dots/mm)	**6414-H**	300 dpi (12 dots/mm)
Memory	**6414-DT & 6414-TT**	DRAM 8Mb / 4Mb Flash	**6414-H**	DRAM 8Mb / 4Mb Flash
Media Width (min./max.)	**6414-DT & 6414-TT**	19mm (.75") to 120mm (4.7")	**6414-H**	19mm (.75") to 120mm (4.7")
Media Thickness	**6414-DT & 6414-TT**	0.0635 - 0.25 mm	**6414-H**	0.0635 - 0.25 mm
Media Diameter (max.)	**6414-DT & 6414-TT**	209mm (8.0") O.D.	**6414-H**	209mm (8.0") O.D.
Media Handling	**Tear Off Mode:** individual label tear off **Tear Off Strip:** labels strips tear off **Cut Label:** cut to length Roll or fanfold; Die cut or continuous; labels,tags & tickets; paper,film or synthetic stock; Thermal transfer or direct thermal			
Print Width (max)	**6414-DT & 6414-TT**	104mm (4.09")	**6414-H**	104mm (4.09")
Print Length (max)	**6414-DT & 6414-TT**	4,420mm (174") in page mode	**6414-H**	1,851mm (73") in page mode
Media Sensors	Transmissive and Reflective as standard			
Ribbon Types (TT only)	Wax, Wax/Resin, Resin, Ribbon wind ink side out or wind ink side in, Ribbon is recommended to be at least as wide as the media			
Ribbon max roll size	81.3mm (3.2")			
Ribbon Core Diameter	25,4mm (1")			
Ribbon Length	450 m (1476"); provides 3:1 media roll to ribbon ratios			
Communications Interface	Centronics parallel / RS232C serial and USB			
Graphic Features	Line and box drawing, PCX, BMP, IMG & FRG image formats			
Resident Bar Codes	**Linear Bar Codes:** Code 39, Interleaved 2/5, EAN 8, EAN 13, UPCA, UPCE, Code 128, Code 93, Codabar, HIBC, Postnet, Plessey **2-Dimensional:** PDF-417, Maxi Code (Modes 2, 3, 4, 6), Datamatrix			
Fonts	9 selectable inc. OCR-A, OCR-B; Up to 24x font expansion Hor. & Vert.; Triumvirate smooth fonts 6 up to 48 pts. Fonts can be printed in four directions: 0°, 90°, 180° and 270° All fonts can be printed in normal, and reverse image			
Drivers	WIN 98, WIN2000, WIN XP, WIN NT			
Emulations	Standard: CZL (Zebra), CDL (Datamax) and EPL II			
Dimensions (W x D x H)	360mm x 270mm x 270.5mm			
Printer Weight	11 Kg (24.2 lbs)			
Operating Temperature	5°C to 40°C (40°F to 104°F)			
Storage Temperature	-40°C to 60°C (-40°F to 140°F)			
Humidity	10% to 90% non-condensing			
Electrical	Autoranging power supply, PFC Compliant Input: 90-265VAC; 50-60Hz			

COMPUPRINT SALES CONTACTS

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Ordering Information

Printers

6414-DT Direct Thermal Desk, 4", Par/Ser/USB	6414DT0A1
6414-TT Thermal Transfer Desk, 4", Par/Ser/USB	6414TT0A1
6414-H Thermal Transfer Desk, 4", Par/Ser/USB	6414HT0A1

Ribbons and Supplies

Wax 108mm X 360 mt	C6000-WC4
Wax Premium 108mm X 360 mt	C6000-WR4
Wax/Resin 108mm X 280 mt	C6000-RB4
Resin 108mm X 280 mt	C6000-SR4
Replacement Printhead 6414-DT & 6414-TT	6414-PH10
Replacement Printhead 6414-H	6414H-PH6

Options

Cutter	6X14-MCF