

Standard Net Series

Model 48N

Model 412N

Model 88N

# IntelliBar THERMAL TRANSFER LABEL PRINTERS

*IntelliBar Standard Net Series printers offer the finest print quality and the fastest integration into the widest array of computer systems of any label printer. Simply connect an IntelliBar to your system and begin printing labels with exceptional image quality.*



**Network to any computer system**

Seamless Connectivity Using Hewlett Packard HPPCL5, Ethernet 10Base-T or 802.11b

Reliability

Super Print Quality

Fast Printing

Easy to Use

Versatile

Choice of Customer Care Service Programs

**Seamless Connectivity Using Ethernet 100Base-T and Hewlett Packard HP PCL5.**

IntelliBar printers provide advanced open systems flexibility through the use of Ethernet 100Base-T & 802.11g wireless connectivity and Hewlett Packard's Printer Control Language (HP PCL), the world's most popular, industry standard printer language. HP PCL enables broad connectivity to virtually any computer system -- PC, Macintosh, LAN, or large system -- and with almost any operating system or programming language. Any computer system capable of printing to an HP LaserJet can print to an IntelliBar. If your computer runs using Windows, MAC OS, DOS, UNIX, VMS, etc., IntelliBar is the right choice.

**Reliability.**

IntelliTech high-quality standards are maintained in a rugged industrial

design that provides reliability and long life. IntelliBar printers are designed for 24 hours improved label printing without disrupting existing label design programming and printing environments. IntelliBar printers are compatible with thousands of software applications that take advantage of its languages, and they come with a one-year limited warranty.

**Superior Print Quality.** The IntelliBar printer's 300 x 300 dot per inch print resolution in conjunction with HP PCL's robust yet elegant font and graphic

capabilities, produces exceptionally smooth fonts, graphics and barcodes.

**Fast Printing.** IntelliBar printers have quick "time to first label" and the fastest printing speeds in their class -- up to 12 inches per second (equivalent of 65 pages per minute). With an IntelliBar printer, you can print from one to thousands of labels on demand.

**Versatile.** IntelliBar printers come with standard features that are additional cost options on competitive models: LCD display, label peel off capability,

Ethernet 100Base-T and parallel integration into a wide array of computer systems. And our optional label backing cutter, reflective (black stripe) sensor, internal label/backing rewinder or external rewinder provide additional capability for your media finishing requirements.

**Choice of Customer Care Service Programs.** Choose from our Standard Service Program for quick depot factory repair, or our Enhanced Service Program that provides for a printer loaner while your printer is in for repair.

## IntelliBar Standard Net Series Specifications

Printers	Model 48N100/N11	Model 412N100/N11/412E <sup>1</sup> N10/N11	Model 88N100/N11/88EN100/N11
Print Methods	Thermal transfer or direct thermal		
Resolution	300 x 300 dots per inch (11.81 dots per mm)		
Print Widths	4.37" (111 mm) maximum		8.65" (220 mm) max.
Print Lengths	14" (356 mm) std. 99" (2515 mm) max <sup>2</sup>	28" (711 mm) std.	99" (2,515 mm) std.
Print Speeds	.6" (15 mm) up to 8" (200 mm)/sec.	.6" (15mm) up to 12" (300 mm)/sec.	.6" (15 mm) up to 8" (200 mm)/sec.
Memory	10 MB std.	10 MB std	10 MB std.
Dimensions	12.4" H x 9.4" W x 16" D (315 mm H x 239 mm W x 406 mm D)		13.2" H x 14.4" W x 17" D (335 mm H x 366 mm W x 432 mm D)
Control Panel	LCD, 16 character, 2 line status and error display		
Interfaces	Net 100 - Ethernet 10Base-T/upgradeable to Net11; Net 11 - Ethernet Wi-Fi 802.11a/b/g; Centronics parallel - IEEE 1284 Compliant Cable Required		
Printer Command Language	Hewlett Packard Printer Command Language HPPCL(HPPCL5, HPGL2)		
Fonts	14 bit map fonts, 8 AGFA IntelliFont scalable typefaces (CG Times, Univers Bold)		
Bar Codes	UPC-A, UPC-E, EAN/JAN-13, EAN/JAN-8, UPC/EAN extension (2 of 5 digit supplemental), 3 of 9 (Code 39), Extended 3 of 9, Interleaved 2 of 5, Code 128, Codabar, Zip +4, Postnet, MSI Plessey, Code 93, Extended 93, UCC-128, HIBC, PDF417		
Electrical	+/-115VAC+10%, 50-60 Hz; +/-230VAC+10%, 50-60 Hz; IEEE compliant cable required for parallel communications		
Operating Environment	41°-104°F (5°-40°C), below 85% non-condensing humidity		
Agency Certifications	UL-1950, C-UL, FCC Class A (115VAC); TUV EN69050, CE mark (230VAC)		
User Installable Options	Printhead: #301-004 Label Liner Cutter: #301-001 <sup>2</sup> ; External Label Rewinder: #301-018	Printhead: #301-005	Printhead: #301-010 External Label Rewinder 115V: #301-007
Factory Installed Options	Reflective Sensor: #301-003; Internal Label Rewinder: #222-270 Vacuum Fluorescent Display: #301-011		Reflective Sensor: #301-009
Warranty (U.S.)	One-year limited warranty; printhead warranted for 270 days		
Media	Die cut and continuous paper stocks, synthetic stocks, tag stock, ticket stock		
Label Finishing	Standard: Continuous, tear off and on-demand peel off (self strip); Optional: Label Backing Cutter		
Label Specifications	Width: .75" min - 4.37" max (19 mm to 116 mm) Length: .5" min. to 99" max (12.25 mm to 2,515 mm) Min. Label Gap: .125" (3.175 mm) Max. Thickness: .01" (.245 mm) Max. Roll Diameter: 8" (203 mm), 7" (178 mm) with Internal Rewinder installed Label Roll Inner Core Diameter: 3" (76.2 mm)		4.56" min. to 8.65" max. 8" (203 mm)
Label Web Width	.75" (19 mm) min. to 4.56" (116 mm) max.		4.56" (116 mm) min. to 9.5" (241 mm) max.
Ribbon Types	Dura WaxXT for high speed printing up to 8 inches per second for paper Rugged Wax/ResinXT for smudge resistant printing on paper and some synthetics  Dura Wax/ResinXT for highly smudge resistant and scratch resistance printing on some synthetics and papers Dura ResinXT for chemical, heat and scratch resistance printing on synthetics		
Ribbon Length	Wax Ribbons: 1,475'(450 meters); Resin Ribbons: 984'(300 meters)		
Ribbon Widths	1.06", 2.12", 3.27", 4.37" (27 mm, 54 mm, 83 mm, 111 mm)		4.37", 7", 8.65" (111 mm, 178 mm, 222 mm)

<sup>1</sup>E means Export Model. <sup>2</sup>Not intended for use with rubber based adhesives.



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