

Product Profile

Advanced Network Printing

- Fast Ethernet 10/100 BaseT
- High speed multi-channel interface
- Full bi-directional communication
- Full configuration, status and management using standard web browser
- Easy installation and setup
- Compatible with popular network operating systems and management tools
- Internet printing via standard web browser

Intermec's EasyLAN 100i interface provides you with the most advanced network management capabilities ever offered. The EasyLAN 100i interface is designed to your network and supports EasyCoder bar code label printers with a fully bi-directional multi-channel interface. The LCD display and keypad combined with broad network system support ensures you will be up and running in minutes.

Using the EasyLAN 100i interface and Intermec's Printer Network Manager software enables you to fully control your EasyCoder printer via the network or web and receive instant alert messages from your printer. Configurations can be set or browsed and alert messages set and specified. The EasyCoder printers can also be grouped for easy management of multiple printers.

Having the ability to see and manage all bar code label printers from a central location via the network saves time and money troubleshooting any problems which may occur with cabling issues. Using the EasyLAN 100i

network interface also enables you to place the printer where you need it — at the application. No need for a dedicated PC workstation or long serial or parallel cables. Simply locate your label printer in the most efficient place for your business, connect your RJ-45 network cable to the printer and begin printing. Now you can print from workstations or servers anywhere across the LAN, WAN, Intranet or Internet and control the printer from your workstation, network or the world wide web.

The advanced architecture of the EasyLAN 100i combined with high throughput of EasyCoder printers ensures your labels are processed and printed quickly. Now you can take full advantage of the incredible bandwidth of your 100BaseTX Fast Ethernet network infrastructure.

When your business depends on your label printer, you can depend on the Intermec EasyLAN 100i Ethernet network interface to provide you with dependable service and advanced management capabilities.



EasyLAN™ 100i Interface

General

10baseT/100baseTX Internal Ethernet Interface card

Model

Intermec EasyLAN™ 100i

Supported Printer Models

EasyCoder 501XP, 601XP, F2 and F4

EasyLAN100i Architecture

32-bit 100 MHz RISC Controller, directly interfaced to the printer's CPU. Multi-channel port with 1MB Flash memory and 512K RAM.

Printer Network Features

Interrogate Printer Status: Printing, head lifted, out of labels, out of ribbon, etc.

Interrogate Job Status: User, time submitted & time completed.

Dynamic Printer Alert Messaging: SNMP

Supported Network Systems

Novell NetWare: NetWare 3.11, 3.12, 4.10, 4.11, 5 and above. Supports bindery emulation and NDS. Up to 16 bindery file servers and 96 print queues are served. Supports user messages.

NDPS supported by versions 4.11 and above.

Print Methods: NDPS, RPRINTER/NPRINTER, PSERVER

Microsoft LAN Manager: LAN Manager 2.0c and above, running under OS/2 version 1.3 and above

IBM LAN Server: LAN Server 1.3 and above, running under OS/2 version 1.3 and above including OS/2 Warp, OS/2 Warp Connect

Microsoft Windows: Windows NT version 3.5 and above, Windows for Workgroups, Windows 95/98/2000

UNIX and Other Systems: All computers supporting the TCP/IP suite of protocols including:

BSD systems: BSD 4.2, 4.3, 4.4, SunOS4 (SOLARIS 1.x), DEC Ultrix etc. Linux System V systems: R3, R4, AT&T.

Interactive, SCO, SUNOS5 (Solaris 2.x), HP-UX, Silicon Graphics IRIX, DEC Alpha OSF/1, IBM AIX, BULL (BOS, AIX) Other systems: IBM (MVS, VM, VSE, OS/400), DEC VMS, guidelines for other systems

Print Methods: LPD, FTP, PROS (named pipe & filtered), Reverse Telnet

WWW: Netscape 3.0 or higher and MS Internet Explorer 3.0 or higher LANtastic: LANtastic 7.0, from any of the supported Windows clients defined above

Supported Protocols

Running simultaneously any combination of the following protocols:

NetWare: IPX, SAP, RIP, SPX, and NCP (extended with NDS), NDPS, NLSP, DIAG, and LIP

LAN Manager/LAN Server: NetBIOS/NetBEUI

Windows and OS/2: NetBIOS/NetBEUI or TCP/IP, WINS

TCP/IP: LPD, FTP, Telnet, Reverse Telnet, PROS, BOOTP, RARP, DHCP, ICMP, IGMP, IP, TCP, UDP, HTTP, SNMP, TFTP, SLP

LANtastic: NetBIOS/NetBEUI

Installation

NetWare: NetPilot utility included with Wizard.

LAN Manager/LAN Server: Included Software AXIS Print Utility for OS/2

Microsoft Windows: Included Print Monitor for Windows 95/98/2000 and Windows NT 4.0

UNIX: Installation script resident in memory. No disks required.

Interface Network Management

SNMP-MIB II compliant (over UDP/IP and IPX), private enterprise MIB included. Print server/job/printer status presentation and management via NWAdmin/PCONSOLE

Logical Network Connection

Ethernet: Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously.

Fast Ethernet: Supports NWay that provides auto-detection of network speed. Use of IEEE 802.2, IEEE 802.3, SNAP and Ethernet II frame types simultaneously

Network Attachments

Ethernet: RJ-45 connector (Category 5 unshielded twisted pair cable) for 10baseT Ethernet or 100baseTX Fast Ethernet

Security

UNIX: Root password, User access list and printer access

NetWare: Encrypted passwords

Logical Printers

The logical printer ports can be programmed to perform string before and after job, string substitution, alternative output and character set conversion

User Interface

1 LED network activity indicator.

Test button for interface card diagnostics.

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