Intermec

Product
Profile

- Economical industrial 802.11b wireless solution

- Quick return on investment

- Single board solution; lower maintenance – higher reliability

- Built-in WEP security

- Connect external serial devices to the wireless LAN

- Easy installation and configuration tools

- Increased flexibility with multiple antennas

- Reliable industrial printers

EasyLAN™ WIRELESS

Industrial bar code printing where you want it…when you want it. Intermec's EasyLAN™ Wireless option provides a print server interface on an 802.11b wireless network and is available on the most popular industrial printers, the EasyCoder® 3400e, 4420 and 4440. Customers no longer have to worry about the cost of relocating the printer due to the high price of network wiring and connections.

Intermec's EasyLAN Wireless interface can be either factory configured at time of purchase, or it can be field installed later by a certified Intermec Partner or Service Technician. The additional price for the wireless interface is far less expensive than the costs incurred to rewire the network.

The internal EasyLAN Wireless radio is a single circuit board that connects directly to the CPU board, resulting in lower maintenance and higher reliability. Other solutions available often utilize many other internal devices before finally reaching the CPU board (i.e., PCMCIA radio card, Network Interface card and parallel interface board).

EasyLAN Wireless printers feature the industry standard 802.11b WEP 64- or 128-bit encryption. The EasyLAN Wireless option can also be upgraded to 802.1x security when this feature is available.

The standard serial port enables users to connect external serial devices to the wireless LAN such as weigh scales, scanners or additional printers. This serial port can also be utilized as a peer-to-peer configuration setup tool.

For easy installation and configuration the EasyLAN Wireless option defaults to use Dynamic Host Configuration Protocol (DHCP). The radio is set to auto-mode, which will automatically associate with a wireless network infrastructure or ad hoc (peer-to-peer) mode.

Intermec's EasyLAN Wireless solution is built for durability. It is virtually a tamper-proof wireless solution with no external cabling or radio card that is subject to damage or theft. The radio is secure within the metal case of the printer, only the antenna is external. The antenna can also be changed to handle specialized wireless applications where the access point is located in a separate building, long narrow corridors or in dense environments with high rows of inventory or crates.

For the best internal wireless printing solution–choose Intermec EasyLAN Wireless printers.

Physical Description

EasyLAN Wireless is an internal radio print server for the EasyCoder 3400e, 4420 and 4440 printer models. This can be configured as a factory option or a field installable accessory.

Wireless LAN Characteristics

Frequency Band: 2.4GHz ISM Band
Radio Type: 802.11b
Radio Data Rate: 11Mbps, 5.5Mbps, 2Mbps and 1Mbps
Channels: 11
Receiver Sensitivity: -91dBm at 1Mbps, -88dBm at 2Mbps, -87dBm at 5.5Mbps, -84dBm at 11Mbps.
Range: 100m Indoor, 300m Outdoor
Security: 128-bit, 64-bit (compatible with 40-bit), none

Protocols

- TCP/IP (lpd or raw TCP port)
- IPX/SPX, Direct mode IPX/IP
- DLC/LLC
- NetBEUI, NetBIOS/IP

Network Operation Systems

- NetWare (2.XX, 3.XX, 4.XX, 5.XX w/ NDS)
- Windows 95/98/ME Peer-to-Peer
- Windows NT 4/2000/XP
- Windows for Workgroups

Management

- Intermec Printer Network Manager
- EasyLAN Wireless Admin Utility
- HP JetAdmin NetWare
- TCP/IP Windows based utilities
- HP Web JetAdmin Windows Software
- Print Server console accessible via serial port
- TELNET or NetWare PCONSOLE, PRINTCON, PRINTDEF, NWADMIN
- Simple Network Management Protocol (SNMP) MIB I and II; IP or IPX

Standard Features

- IP address configurable via serial port, arp, rarp, DHCP, BOOTP
- Reverse TNC antenna connector
- Approved Intermec antenna
- 9-pin serial port for configuration and secondary serial device
- LED – network connection
- LED – network traffic
- Test button to reset factory defaults and provide label printout with radio and network settings

Options

- Additional approved Intermec antennas for special environment applications

Regulatory Approvals

UL Listed, cUL Listed, TUV Rheinland GS mark, NYCE-NOM

Intermec reserves the right to make changes without notice to any products herein for any reason at any time, including but not limited to improving the reliability, form, fit, function or design. Please contact Intermec for current price list and availability.