

Function of Wireless LAN adaptor (Model: MI802B3) incorporated in Bar-code Handy Terminal

This Wireless LAN adaptor is incorporated in Bar-code Handy Terminal.

Basic functions of Wireless LAN adaptor are followings;

1. promptly send the data of scanned bar-code to host computer,
2. after storing the data of scanned bar-code in memory of Bar-code Handy Terminal at once time, send to the data of bar-code to host computer,
3. receive the information of bar-code from host computer.

Specification of Wireless LAN Card (Model: MI802B3)

The MI802B3 uses the 2.4GHz direct sequence spread spectrum technology as defined by the IEEE 802.11b Wireless LAN specification in order to accomplish real-time communication between a host computer or other device on a radio-based local area network. Direct sequence modulation provides secure, interference-immune communication and does not require a license for operation. The MI802B3 comes standard with Aironet enhancements to the 802.11b protocol which can be enabled to allow system optimizations which improve throughput and allow for more robust and reliable roaming.

An all wireless LAN is the simplest LAN configuration. These configurations are also referred to as peer-to-peer or ad-hoc networks (802.11b uses the term IBSS – independent basic service set). In a ALL Wireless LAN, using a peer to peer network operating system (such as Windows Millenium, Windows 2000, Windows 98, Windows for Workgroup or Windows 95), all devices equipped with the MI802B can be linked together and communicate directly with each other.