

11Mbps Wireless Ethernet Client (WLC261-N Manageable)

The SOHOfare 11Mbps Wireless Ethernet Client (WEC) acts as a standard wired interface for any Ethernet-enabled device (regardless of operating system) while transparently converting data to a wireless network connection. Devices accessing the Ethernet side require no drivers or WLAN configuration to obtain connectivity.

The WEC provides a wireless connection for a variety of Ethernet ready devices, including computers, scanners and printers. It is perfectly suited for hard-to-wire industrial environments where instant wireless network access can connect multiple devices and maintain flexibility of location. The WEC also allows guests in businesses, hotels, and other hospitality environments to temporarily connect to networks and Internet service without wireless configuration or driver installation.

The WLC261-N is an IP device designed for applications requiring manageability. In hotels, for example, front desk staff can remotely enable Internet access to a specific guest room as a guest checks in.



Key Features and Benefits

High Speed and Quality 11Mbps Transmission - SOHOfare's advanced radio frequency technology and design deliver the best possible data transmission and outstanding performance, with up to 11Mbps transmission speed:

- Integrated dual dipole antenna with diversity for better signal quality.
- Superior receiving sensitivity locks in and enhances even weak data signal.

Converts Wired Ethernet Data to Wireless Format Effortlessly - Adds wireless capability to Ethernet devices without driver installation and configuration hassle.

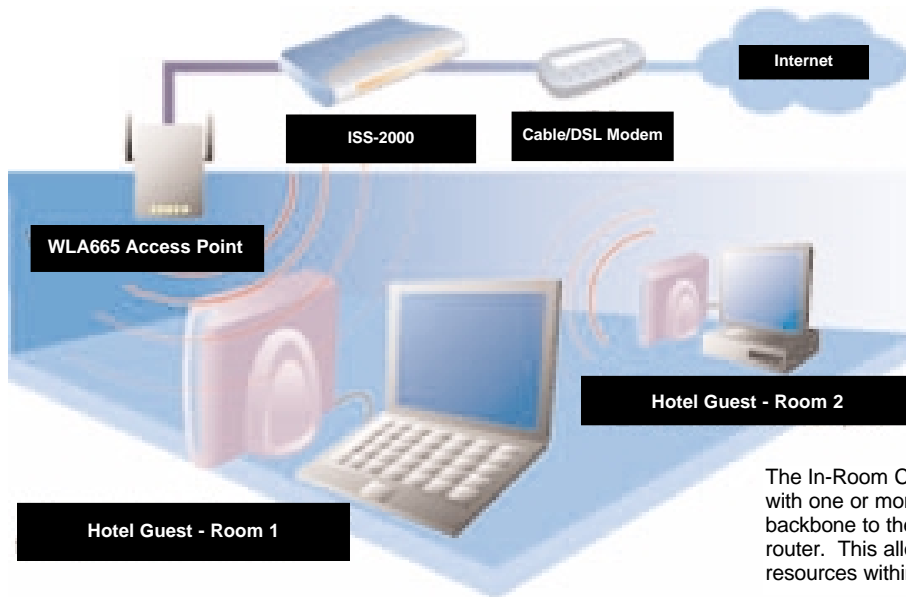
Minimizes Wireless Security Concerns in Public Areas - For public service applications, SSID and Security (WEP) settings must be given to each user who wants to connect to a wireless network. In such situations these settings are easily obtained by a malicious user. Using a WEC avoids the need to disclose settings to the public, making wireless communication more secure.

Remote Configuration - Allows network administrators to manage each WEC (in the same subnet) remotely from a single terminal.

Ease of Management

- DHCP Client Support: Automatically obtains a new IP address from a DHCP server.
- Auto-IP Address Assignment: If a DHCP server fails, allows the WEC to automatically generate a new IP address within the same domain.
- Service Discovery Support: With Service Discovery function support, a device connected to the WEC is automatically scanned for and found by a SOHOfare 11Mbps Access Point. A network administrator can easily connect it without looking for a specific IP address.

11Mbps Wireless Ethernet Client Application Scenarios



The In-Room Client stations or device communicate with one or more Access Points via an existing network backbone to the ISS2000 (Internet Subscriber Server) or router. This allows hotel guests access to all network resources within range of an Access Point.

Specifications

Standards Compliance	IEEE 802.11b with Proprietary Secure Bridging Note: Includes proprietary encoded Bridge-Tunnel; WLC261-N (Manageable Version) is designed to connect to the WLA660 and WLA665 Access Points.
Radio Frequency Type	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4GHz
Transmission Rate	11Mbps (Max); 11/5.5/2/1 Mbps with Auto fall back
RF Frequency Range	Japan: 2471MHz - 2497MHz North America, Europe & Extended Japan Band: 2400 MHz - 2483.5MHz Spain: 2445 MHz - 2475 MHz France: 2446.5MHz - 2483.5 MHz
Transmitter	20dBm (For North America and Extended Japan Band); 18dBm (Europe)
Receiver	-83dBm (Typical) @11Mbps
Antenna Type	Integrated built-in dual dipole antenna with diversity
Interface Type	Ethernet Port
Security	40-bit/128-bit WEP encryption
Software Support	SNMP; 40-bit/128-bit WEP encryption; Dynamic rate shifting: 11/5.5/2/1Mbps; Channel Setting; Roaming; DHCP Client, Auto-IP, Service discovery, Remote management, RF Signal Quality Monitor
Operating Environment	Operating: -0°C - +50°C (Except RF output power and sensitivity) Storage:-30°C - +70°C
Dimensions	100 x 65 x 115mm (3.94 x 2.56 x 4.53in.)
Power	Power Voltage: 5.1 Volt DC \pm 5% AC adapter: AC 100V~240V Power Consumption: 5.1 Volt, 1.0 A (Typical)
Regulatory Approval	FCC Part 15 Class B ₁ CE Mark: ETS 300 328 and ETS 300 826 TELEC: ARIB STD-T66, JATE
OS Support	Supports any operating system
Warranty	One year limited

Product photo and specifications are subject to change without prior notice (Ver. 1.5).