

802.11b Access Point with WDS (WLA606-E)

AP - Bridge - Repeater Modes

Multi-functional for greater versatility in building business wireless networks

11 Mbps Data Rates

Fully Wi-Fi compliant to interoperate with any 802.11b clients

Wireless Security

Strong WEP security combined with MAC filtering to authenticate users



The WLA606-E Access Point offers the best versatility for small business applications looking to extend their network with wireless. Designed with the latest mode options, including WDS, the AP allows for fast expansion of the wireless LAN by enabling repeater APs, plus supports bridging of separate networks as may be located in different buildings, all with the same hardware platform. The entire wireless network is protected through business-class security features that combine WEP encryption with MAC filtering authentication.

Features and Benefits

IEEE802.11b compliant - Offers up to 11Mbps data rates and full interoperability with other Wi-Fi clients and APs.

WDS - Wireless Distribution System - Can be configured as a wireless Access Point, Repeater, or Bridge, enabling a more rapid and cost effective wireless deployment through the utilization of a single hardware platform.

AP Client Mode with DHCP Server - Can be configured as a client station that connects to a wireless AP. The internal DHCP server can provide multiple IPs over the Ethernet port enabling one or more PCs to connect to a network using a wireless backbone with no wireless configuration.

Wireless Security - Supports 64 / 128 Bit WEP and MAC filtering.

Web Based Management - Configure and manage the device from a Web browser.

High Gain Antenna Option - The palm sized unit includes a detachable antenna for connecting optional external high gain antennas to optimize RF performance in Bridging and AP Client modes.

Specifications

Standards Compliance	Wireless: IEEE802.11b (Wi-Fi compliant) LAN port: IEEE802.3 / 802.3u (10/100Base-T)
Radio type	DSSS
Frequency Band	2.4 - 2.4835 GHz, 1-14 channels
Transmission Rate	11Mbps (maximum), auto-fall back 11/5.5/2/1 Mbps
Transmitter	RF Output Power: 18dBm
Modes	WDS: AP, Bridge, Repeater AP Client: client station option
Antenna Type	Dipole with diversity, detachable (RP-SMA connector) Alternative antennas: SOHOfware has directional and omni-directional antennas available to enhance RF performance. For more information, see the <i>Antenna Selection Guide</i> .
Client Support	253 users on LAN port (in AP Client mode) - DHCP server
Interface	10/100Mbps autosensing port - RJ-45
Security	WEP: 64 / 128 Bit MAC: filtering
Indicators (LED)	Power, Ethernet Link/Activity, Wireless Link/Activity
Memory	1MB Flash, 8MB DRAM
Operating Environment	Operating Temperature: 0 - 60°C (32 - 140°F) Humidity: 0-95% non-condensing
Dimensions	30 x 127 x 96mm 270g
Power	Voltage: 12V DC Power Consumption: 0.5A
Regulatory Approval	FCC Class B, CE
Warranty	One year limited

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SOHOfware[®]

We make Networking Personal[®]. SOHOfware[®], Inc. U.S. Headquarters 3050 Coronado Dr.
Santa Clara, CA 95054 Tel. 1.800.632.1118 Fax. 1.408.565.9889 www.sohofware.com