



Avaya AP-8 Wireless Access Point

Future Proof tri-band 802.11a, b, g Enterprise Class Wireless Access Point

The Avaya AP-8 Wireless Access Point, a full-featured tri-mode access point for the enterprise with simultaneous 802.11b, 802.11g and 802.11a support, delivers maximum bandwidth and capacity. The AP-8 is perfect for future-proofing wireless LAN networks. It supports all current WLAN radio standards and is software upgradeable to support Quality of Service (QoS) and security enhancements as they become available.

Highest Quality Voice over Wireless LAN

The AP-8 Wireless Access Point is designed specifically to support high quality voice communications over wireless LAN. When used in conjunction with the 3616 or 3626 WiFi phones, the AP-8 allows enterprise customers to extend the value of Avaya Communication Manager to those workers who are mobile within a building or campus environment.

Universal, Automatic Wi-Fi Client Interoperability

The AP-8 comes pre-configured with tri-mode 802.11 a, b, and g communications. The AP-8 is an

ideal access point solution for a customer's wireless voice and data requirements.

Highest Performance Enterprise Access Point

The AP-8 features twice the output power of comparable 802.11g APs supporting +18dBm output power in 802.11g. In large areas, the AP-8 reduces the total number of AP's required for complete coverage, thereby reducing installation time and overall network infrastructure costs. In addition to cell coverage, the AP-8 delivers excellent bandwidth with 54 Mbps throughput with 802.11g and 802.11a. The AP-8 has adaptive power control allowing administrators to adjust wireless cell coverage sizes. This allows for higher density AP deployments and prevents RF leakage outside of buildings.

Proactive Security

The AP-8 offers rogue AP detection searches for unauthorized APs in both the 2.4 and 5 GHz bands. This eliminates the hassle of physical searches and the AP-8 interfaces with any SNMP management platform.





The AP-8 supports WiFi Protected Access (WPA) and will be upgradeable to 802.11i. The AP-8 provides mutual authentication between the client and the network, and offers dynamic per user, per session keys with rotation times configurable by the administrator.

The AP-8 can be configured to support multiple security settings on a single AP. This allows employees, visitors and contractors to transparently access the same wireless infrastructure, but with the appropriate access rights and privileges.

Simple to Deploy and Manage

The AP-8 supports the 802.3af Power-over-Ethernet standard, which reduces installation costs by obtaining power through a category 5 Ethernet cable and an 802.3af compliant switch. The AP-8 can also be configured for AP-to-AP communication. When used in this configuration, the 802.11a radio provides a high bandwidth non-interfering backhaul while providing full capacity for 802.11b, g clients. This is ideal for difficult-to-wire locations.

The AP-8 offers a broad set of management options through a Web browser, Command Line Interface (CLI) and SNMP. For example, you can manage the AP-8 from your desktop using the web interface, through the CLI via direct connect or Telnet, or any other standard SNMP network management tool.

Interface

Wired Ethernet	10/100 base-T Ethernet (RJ-45)
Wireless Ethernet	One integrated 802.11b/g radio and One integrated 802.11a radio
RS-232 Serial	Unit configuration

Hardware Specification

Memory	32 MB SDRAM; 8MB flash
Dimensions	11.375 x 9.25 x 2.75 in
Weight	2.05 lbs

Environmental Specification

Temperature	Operating: 0 C to 55 C Storage: -10C to 70 C
Humidity	Operating: 95% (non condensing) Storage: 95% (non condensing)

Power Supply

Types	Integrated Module Autosensing 100/240 VAC; 50/60 Hz IEEE 802.3af power over Ethernet
-------	--

LEDs

Types	Power Ethernet LAN activity Wireless 802.11b/g activity Wireless 802.11a activity
-------	--

Management

Secure SNMPv3 management
Etherlike MIB, 802.11 MIB, Bridge MIB, MIB-II
TFTP Support
Telnet CLI, Serial Port CLI (no proxy required)
HTTPS (SSL) server for secure web based management
Syslog
DHCP Server and Client



About Avaya

Avaya enables businesses to achieve superior results by designing, building and managing their communications networks. Over one million businesses worldwide, including more than 90 percent of the FORTUNE 500®, rely on Avaya solutions and services to enhance value, improve productivity and gain competitive advantage.

Focused on enterprises large to small, Avaya is a world leader in secure and reliable IP telephony systems, communications software applications and full life-cycle services. Driving the convergence of voice and data communications with business applications – and distinguished by comprehensive worldwide services – Avaya helps customers leverage existing and new networks to unlock value and enhance business performance.



IP Telephony

Contact Centers

Unified Communication

Services

© 2004 Avaya Inc.

All Rights Reserved. Avaya and the Avaya Logo are trademarks of Avaya Inc. and may be registered in certain jurisdictions. All trademarks identified by the ®, SM or TM are registered trademarks, service marks or trademarks, respectively, of Avaya Inc. All other trademarks are the property of their respective owners.

Printed in the U.S.A.

05/04 • EF-LB2419