

# Motorola WiAP-200

## DELIVERS SCALABILITY FOR EVOLVING WIRELESS LAN NETWORKS

The WiAP-200 Access Point is Motorola's high performance wireless LAN solution. Memory-rich and pre-configured with tri-mode for automatic and universal Wi-Fi client interoperability, the WiAP-200 is perfect for evolving enterprise wireless networks.

The WiAP-200 provides built-in rogue Access Point detection for both 802.11b/g and 802.11a access points, and offers an external antenna connector for increased transmit distance. And its wireless repeating functionality is ideal for areas without Ethernet wiring, such as parking lots and long corridors.

Supporting the latest security standards, such as certified Wi-Fi Protected Access (WPA) for IEEE 802.1X mutual authentication, the WiAP-200 also includes support for multiple security settings with a VLAN in addition to existing standards-based security. With up to 16 VLANs per Access Point, employees, guests, and contractors can securely share the same infrastructure. It is also fully software upgradeable to AES and 802.11i, and offers intra-cell blocking to prevent client-to-client snooping.

Ease of deployment and integration with the wired network are critical factors in a successful, profitable wireless LAN rollout. The WiAP-200 excels with key capabilities that simplify WLAN deployment by providing tools that speed installation and optimization, such as automatic channel selection, adjustable transmit power, and external antenna connectors.

## APPLICATIONS

- Enterprise – Mobile user productivity
- Healthcare – Real-time patient charting
- Education – Mobile faculty and student connectivity
- Government – Remote access to constituency information
- Public Hot Spots – Wi-Fi connectivity

## FEATURES

- Automatic reconfiguration of network parameters and security policy in the event of power loss
- Assured software upgrade – for rollback in the event of software or configuration change problems
- IEEE 802.3af Power-over-Ethernet, plenum rating, integrated antennas and external antenna connectors
- Active Ethernet and AC Power – Decreases installation costs up to \$1000 per Access Point when Power-over-Ethernet is available



## THE BENEFITS OF CHOOSING MOTOROLA

With Motorola Wireless Networking Solutions, you'll not only have products that are cost-efficient and simple to install — you'll also have the peace of mind that comes from knowing they're backed by a company with over 75 years of knowledge and experience.



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# Motorola WiAP-200 Specifications

<b>MOTOROLA PART #</b>	RDH4293A
<b>SHIPS WITH</b>	WiAP-200 802.11a/b/g Access Point Power supply and support for Active Ethernet and IEEE 802.3af (Power over Ethernet) Software and documentation Cable cover and mounting bracket
<b>CAPACITY</b>	Dual radio: 1 to 54 Mbps
<b>NETWORK SUPPORTED</b>	Dual Band Tri Mode Radio: 802.11b (11 Mbps) 802.11g (54 Mbps) 802.11a (54 Mbps)
<b>SECURITY</b>	Wired Equivalent Protocol (WEP) IEEE 802.1x authentication compliant Wi-Fi Protected Access (WPA) including 802.1x and dynamic TKIP encryption Meets HIPAA requirements to protect privacy and security of patient data Upgradeable to AES and 802.11i Rogue Access Point detection  Secure Management Interfaces SNMPv3 and SSL protect against unauthorized Access Point changes via the management interface  Multiple VLAN Support – Up to 16 separate VLANs per radio, each able to support a different security setting Auto configuration via DHCP ensures new Access Points automatically receive correct configuration and prevents security vulnerabilities with deliberate resets
<b>AUTHENTICATION AND ACCOUNTING</b>	Access control table and RADIUS Access Control implementation Radius session time out Radius accounting start/stop Radius authentication attributes (per RFC 2865)
<b>PUBLIC ACCESS GATEWAY</b>	n/a
<b>HARDWARE SPECIFICATION</b>	
PROCESSOR	220 MHz IMIPS 4000
MEMORY	32 MB SDRAM 8 MB Flash
<b>INTERFACE</b>	
WIRED ETHERNET	10/100 base-T Ethernet (RJ-45)
WIRELESS ETHERNET	1 integrated 802.11b/g radio and
RS-232	1 integrated 802.11a radio
<b>NETWORK MANAGEMENT</b>	Multiple VLAN Support – Up to 16 separate VLANs per radio, each able to support a different security setting SNMPv1, SNMPv2c and secure SNMPv3 management Standard & ORiNOCO traps ORiNOCO MIB, 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 WaveLink Mobile Manager for group management (not included) Syslog DHCP Server and Client
<b>PHYSICAL SPECIFICATIONS</b>	
DIMENSIONS (H x W x L)	29 cm x 23.5 cm x 7 cm (11.375" x 9.25" x 2.75")
WEIGHT (W/O BASE)	0.93 kg (2.05 lb.)
<b>ENVIRONMENTAL SPECIFICATIONS</b>	
OPERATING	0°C to +55°C; 95% humidity (non-condensing)
STORAGE	-10°C to +70°C; 95% humidity (non-condensing)
<b>POWER SUPPLY</b>	Integrated module Autosensing 100/240 VAC; 50/60 Hz IEEE 802.3af Active Ethernet for power over Ethernet
<b>ANTENNA</b>	Embedded omni directional, dual-polarization diversity antenna sets; external antenna connectors
<b>PLENUM RATED</b>	Yes
<b>COMPLIANCE</b>	US: FCC, UL, CE, Wi-Fi Canada: Industry Canada

**For more information, contact:**

