

AeroHotSpot™

Wireless Hotspot Gateway (WLH2000)

Stand-Alone Hotspot Controller

Simple to deploy all-in-one solution

Up to 100 Simultaneous Users

Complete AAA for small businesses

Flexible Billing Options

Pre or post pay including credit cards



The AeroHotSpot™ WLH2000 is a fully integrated wireless hotspot gateway that provides complete guest access features in one device. An integrated access point allows wireless guest connections for all 802.11g and 11b clients. Wired LAN connections through a 4-port 10/100 switch are also supported. Authentication may be managed locally through an internal database, or externally to a RADIUS server with secure VPN tunneling to protect user login privacy. Software configuration options include AAA account setup and billing and log-in brand customizing. Extensive management and reporting options are available.

Features and Benefits

IP Plug and Play Automation - Provides a configuration free connection experience for guests by eliminating the need to change client adapter IP and DNS settings. This essential public hotspot feature reduces support calls for those guests who may have static IPs or HTTP proxy settings pre-configured on their mobile business computers.

Integrated Wireless 802.11g Access Point - Supports up to 54 Mbps wireless connections with backward compatibility for legacy 802.11b clients.

Complete AAA with Optional POS Support - Provides internal or remote RADIUS authentication for managing up to 100 simultaneous users, including user name and password log-in, dynamic tracking of account usage, automated client status notification, and detailed reporting options. An optional POS station (model WAG2000) provides one button account generation, receipts and report outputs.

Flexible Billing Options - Supports various business models including pre-pay and post pay options, with built-in credit card support for two payment gateways (Validate.net and Authorize.net).

Customizable Marketing Features- Allows local venue or ISP brand customizing of guest log-in and log-out pages, redirection of Web browser home pages, and display of linked URLs for advertising.

Business-class Security - Provides security measures to protect guests while connected to the public network, including Layer 2 isolation for client-to-client privacy, SSL web log-in, and optional WPA wireless data encryption. PPTP VPN tunneling for remote RADIUS data exchange privacy is also supported.



System Features

Concurrent Users	100
WAN Service Support	Cable or xDSL (static or DHCP), PPPoE, PPTP client
Guest Services Support	IP Plug and Play (iPnP): accepts all static or DHCP, DNS and proxy settings Email support: seamless email through SMTP redirection VPN pass through: supports client to server tunneling for IPSec, L2TP, PPTP DDNS: allows use of dynamic WAN IP address to associate with public URL
Web Log-in	Browser based user name and password log-in Customizable log-in screen for brand identification (text and graphics)
Authentication Options	Internal account database: supports 100 users for stand alone deployments RADIUS client: compatible with industry leading RADIUS servers for ISPs
Billing Options	Profiles: stores up to 10 definable billing profiles Payment models: Pre-pay (time to finish, replenish, accumulation), post-pay Smart Client support for iPass Credit card gateway (authorize.net, validate.net)
Marketing Support	Customizable log-in/log-out, walled garden, advertising URL pop-ups
Security	SSL log-in: guest and administrative secure browser access Layer 2 isolation: client privacy - blocks client to client detection WPA for AES encryption and 802.1x authentication support PPTP client for VPN tunneling to external RADIUS server Filtering: restriction list for URLs and IP addresses (or address range)
Management	Wizard-based setup configuration TFTP firmware management with automatic update scheduling Event logging: real-time session lists Syslog reporting (system / subscriber / LAN devices) SNMP v1&2, MIB I&II with traps LAN device monitoring: provides status check of connected network devices
Point of Sale (option)	Remote POS account generator with integrated thermal printer (WAG2000) Provides one button user name/password creation, receipts, report printouts

Hardware Specifications

Protocols	TCP/IP, NAT/PAT, DHCP (client & server), UDP, DNS, PPPoE, TFTP
Network Standards	IEEE 802.3 (10BaseT), 802.3u (100BaseTx), 802.11b/g, 802.3af
Physical Ports	WAN port: One - 10/100BaseTx (RJ-45) LAN ports: Four - 10/100BaseTx (RJ-45) Serial port: One - RS-232 (for optional POS account generator model WAG2000)
Wireless Access Point	802.11g OFDM / DSSS (Wi-Fi compliant) - 2.4 GHz Data rates: Up to 54Mbps with auto-fallback to 802.11b data rates Antennas: two articulating dipole (2 dBi), detachable (RPSMA connectors)
Power Requirements	100 - 240 VAC, 50/60 Hz (external adapter) Consumption: 5V, 2 Amp Power Over Ethernet - supports any 802.3af compliant PoE injector
Indicators (LED)	One each - Power, System One - WAN port 10/100 activity (modem connection) Four - LAN port Link / Activity One - Wireless Link / Activity
Dimensions	242 (W) x 130 (D) x 113 (H) mm (7.87 x 5.12 x 1.76 inches) Net weight: 0.4 Kgs (0.89 lbs)
Environment	Operating temperature: 0 - 50 deg C Humidity: 10 - 90%, non-condensing
Installation	Desktop or wall mount
Certifications	FCC Class B, VCCI, CE, UL
Warranty	1 year, limited

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