

Internet Service Providers.....

Are you looking for a comprehensive, cost effective Wireless Hotspot product that allows authentication via your existing RADIUS Server?

Introducing the NetComm HS900 RADIUS Wireless Hotspot

The NetComm HS900 RADIUS Wireless Hotspot provides an instant wireless Internet connection for up to 100 users at a time from a single location. At the heart of the service is a one-box solution that includes an 11b wireless router, 4-port switch with RADIUS support to allow users to authenticate to an existing RADIUS server. By supporting RADIUS, usage time parameters (session time-out) can be sent to the HS900 to control these users.

The HS900 RADIUS Wireless Hotspot also provides an **accounting** feature that allows the posting of account start and account stop records to the nominated RADIUS server. These records can then be used to accurately track internet usage with two accounting profiles available for selection, either 'Accumulate' , to enable multiple login/out or 'Time to Finish' for one time login only.

The HS900 RADIUS Wireless Hotspot has the following additional features:



IP Plug and Play support	Home Page Redirection
Email Server(SMTP) Redirection	Advertising URL Link for more revenue
Remote Configuration	Walled Garden feature
SNMP Support with MIB	VPN Pass through support
Allow or block by IP & MAC address	SSL Support
Watchdog Feature for 24x7 operation	EAP-MD5 (WEP) or EAP-TLS Security
HTTP Proxy Support	V-LAN to stop data sharing

Simplify connection for your customers

The HS900 RADIUS Wireless Hotspot takes advantage of IP Plug and Play technology, which instantly recognises a new user and all IP configurations, including DHCP, Private IP or Static IP. This means your customers do not need to adjust the settings or alter the configuration of their wireless Notebook or handheld PDA.

If you are looking for a Wireless Internet Hotspot product that easily integrates with your existing infrastructure, is heavy on features, but light on the wallet, contact NetComm for more details.

Smart Client Support for *iPASS*[™] Global Roaming

The HS900 RADIUS Wireless Hotspot has Smart Client IPASS GIS (Generic Interface Specification) support to enable global roaming via the iPass[™] global virtual network, so your customers can easily connect everywhere this service is enabled.

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Product code: HS900

NetComm[™]
Broadband Solutions

Hardware Specifications

Network	802.3 10BaseT Ethernet ; 802.3u 100BaseTX Fast Ethernet; 802.11b+ (22MB) Wireless LAN; 802.3 NWay auto-negotiation;
Interface	4 LAN ports (10BaseT / 100BaseTX); 1 WAN port (10BaseT / 100BaseTX)
Frequency	2.4GHz to 2.487GHz ISM Band
Wireless Operation	150m @ 22Mbps
Wireless Data Range	22/11/5.5/2/1 Mbps with fallback
LED Indicators	Power; WAN Link; LAN Activity; Status
Antenna	External 2 dbi (max) dual detachable diversity antenna with reverse SMA Able to extend range with bigger antenna or NetComm's Wireless Access Point
Power	5V DC 0.5A
Dimensions	200mm (Width) x 130mm (Length) x 44mm (Height)
Weight	400g approx
Environment	Operating (10 – 50 deg C) ; Storage (20 – 70 deg C)
Mounting	Wall mount

Software Specifications

Configuration	IP Plug and Play
Authentication	RADIUS (Remote Authentication Dial-in User Service) Client Authentication and Accounting (RFC 2865 & RFC 2866); Authentication port 1645 & 1812 Support for a second RADIUS Server for added redundancy
Networking functions	NAT (RFC 1631) ; SMTP Server redirection; DNS redirection; Static IP / DHCP client / PPPoE / PPTP client DHCP Server and Relay; Transparent HTTP Proxy Server; IP Multicast Support
Security functions	SSL User Login page and Configuration; VPN (IPSec / PPTP) Pass Through; VLAN Security for wireless and wired devices;
Management functions	Remote web-based configuration & management tool Password control for administration (various levels) Reset button Ping Diagnostics Backup / Restore Configuration
Marketing functions	Customized Subscriber Login Page with logo Advertisement pop-up feature Portal Page upon successful login Walled Garden (free URL link access)