NetComm

Broadband Solutions

NetComm HS960

Wireless Hotspot and Printer

- ⊙ 54Mbps Data Rate with IEEE 802.11g Compliance
- ⊙ IP Plug and Play Technology
- ⊙ Complete AAA (Authentication, Authorization and Accounting)
- ⊙ High Level Network Security
- ⊙ Powerful Management Tool
- ⊙ Status Monitoring
- ⊙ Local Billing function

The HS960 Wireless Hotspot enables any business (café, restaurant, hotel, airport etc) to set up a hotspot location anywhere and provide a Internet connection for up to100 users at a time.

The one-box solution is easy to set up and manage. It includes an 802.11g+ (54Mbps) wireless router, 4 port 10/100 switch, three button printer and a service gateway.

You can provide internet access by time, offering a zero configuration experience for the end customer. By simply pressing one button on the printer for the required amount of access time, a receipt is generated which provides a unique username and password for the amount of time purchased.

Several network security protocols are provided in the NetComm HS960 to fully secure your wireless communications, WPA (Wi-Fi Protected Access), WEP, SSL configuration page, SSL client login page, VLAN security on LAN ports and Layer 2 Isolation security. Without a username and password customers can not access broadband, and with layer 2 security your users will not be able to see each other.

NetComm HS960

Wireless Hotspot and Printer

The HS960 allows full customisation of the client login/logout page, with the ability to add logos, text or even a redirection to another webpage. Customisation is also available on the content that prints on the print-out ticket. The walled garden feature offers up to 10 web sites that can be viewed without the requirement to pay.

Management tools can be accessed remotely and include web configurator, TFTP/HTTP firmware upgrade, LAN Device Management and SNMP. The HS960 also offers a Syslog function which displays the device history and billing as well as usage and access logs.

The HS960 can operate in standalone mode or can use the in-built client to communicate with any standards based Radius server, in order to support AAA (Authentication , Authorization and Accounting).

SPECIFICATIONS

TECHNICAL SPECIFICATION

Network Specification
- IEEE802.3 10BaseT Ethernet
- IEEE802.3u 100BaseTX Fast Ethernet
- IEEE802.11g Wireless LAN 54Mbps
- IEEE802.11b Wireless LAN 11Mbps
- ANSI/IEEE 802.3 NWay auto-negotiation
- Wi-Fi Certified

Compatibility
- All Wi-Fi certificated wireless adapters
- Supports all operation systems

Interface
- Four LAN Ports (10BaseT/100BaseTX Auto cross-over)
- One WAN Port (10BaseT/100BaseT)

Wireless Operation Range
- Open Space: 100~300m
- Indoors: 35~100m

Wireless Data Rate
- Up to 54Mbps with auto fall back with 802.11b

Frequency Band
- 2.4G Frequency Band

Encryption
- 64/128/256-bit RC4 WPA

Modulation Type
- OFDM,DSSS ,BPSK,QPSK,CCK

External Antenna Type
- 2dBi (Max) Dual detachable diversity antenna with reverse SMA
- Typical Maximum power output 17 dBm
- Typical Maximum receive sensitivity -87 dBm

Power Requirement
- External Power Adapter
- Input: 100-240 VAC, 50/60 Hz
- Output: 5V, 2 Amp

LED Indicators
- One POWER LED
- One WAN Link/Activity LED
- Four LAN Link/Activity LEDs
- One Wireless Link/Activity LED
- One System LED

Dimension
- Size: 242(L) x 130.5(W) x 112.6(H)

Environment Conditions
- Operating Temperature:0 to 50°C
- Storage Temperature: -10 to 60°C
- Humidity: 10%~ 90% non-condensing 10%~80% condesing

Certifications
- FCC part 15 Class B / VCCI Class B
- CE Mark / UL / TELEC / R&TT/C-Tick

Compliance
- RoHS, WEEE

Mounting
- Desktop / Wall mounted

FEATURES

Plug & Play
- Zero End-User Configuration

Concurrent Users
- 100

Rich Networking Functions
- NAT (RFC 1631)
- SMTP Server Redirection
- DNS Redirection

- Static IP WAN connection
- DHCP Client WAN connection
- PPPoE WAN connection
- PPTP Client WAN connection
- DHCP Relay
- Transparent HTTP Proxy Support
- DDNS
- NTP Client

User Accounting and Authentication
- Web-Based Authentication
- RADIUS AAA support (RFC 2865,2866)
- Secondary RADIUS
- User Authentication and Accounting
- Logout Window Timer Control

Security and Firewall
- SSL User Login page/ Configuration page
- Layer 2 Isolation V-Lan Security
- Pass Through IP/MAC/URL address
- VPN (IPSec/PPTP/L2TP) Pass through
- PPTP VPN Client
- 802.1x

Management
- Web-based management tool
- TFTP /HTTP firmware upgrade
- Wizard setup for step-by-step configuration
- Backup/ Restore configuration file
- Remote Authorized Management
- Real-time Session List
- LAN Device Management
- Syslog (System/Subscriber/LAN device)
- E-mail logs
- SNMP v1/v2 (MIB II with traps)

Marketing Cooperation
- Standard login page
- Customizable log-on and log-off pages
- Advertisement URL link
- Wall garden

Your NetComm dealer:

NetComm ®
Broadband Solutions