

Outdoor Hot Spot HS-24-A (I-O)



HS-24 LAYER 3 ROUTER & AP

The HotSpot HS-24- A is ideal for ensuring that high-performance networks are up and running with minimal setup time. The HS-24-A provides local area wireless coverage in virtually any environment, such as offices, conference centers, airports, hotels, shopping malls, entertainment complexes and tourist areas.

Features

- **Automatic Redirect** – Automatically redirects all unauthorized web traffic to login screen.
- **Bandwidth Management**— Excellent tool for network optimization
- **RADIUS Authentication** – Use your existing RADIUS infrastructure to authenticate your HotSpot clients.
- **RADIUS Accounting** – Supports RADIUS AAA accounting.
- **NAT/DHCP** – The HS-24A- 58A standalone provides connectivity to the Internet. No additional hardware required.
- **SMTP Redirect** – HotSpot users can proxy email through the local server.
- **SNMP Management** – Monitor critical system information such as radio signal performance.
- **Ethernet** – Available with single or dual 10/100 Ethernet ports.

- **RF** –Atheros 200 Mw (HS24) Atheros 400 Mw (HS24A) High outdoor coverage technology
- **IP Routing** – No need for a standalone router. Uses both static and dynamic routes.
- **Firewall**- Protection for your network and users.
- **Indoor & Outdoor (I- O):** Outdoor version NEMA6 ruggedized

Instant, Easy Connectivity: The Wi-Corp HotSpot HS-24A- 58A allows users to connect to networks without delay when they are located in a defined Local Mobile Network area. It recognizes when a Wi-Corp device has entered its area and establishes a secure wireless connection with the local network.

Low-Cost, High-Speed Network Access: The Wi-Corp wireless technology operates at 15 Mbps in radio frequencies that are plentiful and free, resulting in the ability to establish high-speed communications using the Internet. Local Mobile Networks take these advantages beyond peer-to-peer links by enabling device-to-network connectivity.

A Solution for Many Mobile Devices. The Wi-Corp HS-24A supports a wide range of devices equipped with WI-FI wireless technology, including PDAs, mobile phones, laptop computers, web-pads and emerging application specific devices.



HS 24-A



HS-24-A Specifications

Firmware Features

- Routing RIP 1 / 2, OSPF v2, BGP v4 (equal cost multi-path routing, policy based routing, firewall marked packet routing)
- PPP (ISDN, PPPoE, modem pool)
- RADIUS authorization and accounting
- IP telephony
- Bridging
- Stateful Firewall and NAT
- VLAN
- DHCP
- Tunnels (PPTP (VPN), IPsec, EoIP, IPsec)
- IP traffic accounting, firewall actions logging
- Bandwidth Management (per IP / protocol / subnet / port, CBQ, RED, SFQ, byte FIFO, packet FIFO)
- Tools (ping, traceroute, bandwidth test, ping flood, telnet)
- DNS cache
- Web cache
- SNMP
- NTP (Network Time Protocol)
- Remote administration and upgrading

Radio Features

- Spread spectrum method OFDM 80211 a, g
- Frequency (User selectable): 2.4 Ghz
- Channels (User selectable) 2412 – 2472 (Channels 1 to 13- 5 Mhz), 2484 (Channel 14), 2512- 2732 (Channels 15- 26- 20 Mhz)
- 2.4 GHz Wireless transmission rates (Mb/sec) 108, 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1
- 2.4 GHz Radio receive sensitivity -94 dBm @ 1 Mb/sec, -72 dBm @ 54 Mb/sec-
- Radio transmit power: 400 Mw/ 26 dBm nominal HS24A, 200Mw/ 23 dBm nominal HS24
- Radio receive sensitivity -96 dBm HS24A, -74 dBm HS24

System Hardware Features

- Dimensions (RF unit) 9" x 7" x 3.5" (22.9 cm x 17.8 cm x 2.9 cm)
- Weight (per RF unit) 1.5 lbs.
- Shipping weight (complete package) Approx.2.5 lbs. (standard package)
- 64 MB Memory- 288 MHz processor
- Operating temperature -30°C to 55°C (-20°F to 131°F)
- Humidity 0% to 100% (Non-immersion rain)
- Wall wart power supply included Yes, 110/240 VAC
- Power required (at radio) +12 to +18 VDC (from included power supply)
- Certification: Part 15 FCC

Warranty 1 year depot

More Information: sales@wi-Corp.com

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