

HotSpot Server

Product Overview



Axtronics's HotSpot Server is a solution for managing an entire network of an enterprise through web-based user interface. This system assists a network administrator to manage, monitor, configure and trouble-shoot a network built with Wireless Guard APs from anywhere.

Hotspot Server allows the administrator to effectively control the network resource allocation and manage the entire series of the Wireless Guard devices. Hotspot Server is equipped with Remote Management function that allows a system administrator to manage all devices on the network from a remote location.

This centralized management effectively reduces the configuration problems an administrator would face when managing many network devices at the same time.

It allows an administrator to provide local users in the enterprise the best technical support such as firmware update and new VPN tunnels setup. More importantly, Hotspot Server allows a system administrator to better comply with the enterprise's information security guideline. With all these excellent characteristics, Hotspot Server assists the system administrator setting up and manages devices such as Wireless Guard on the office network in a more cost-effective way.

Software Specifications

■ Centralized AP Management

1. Network Plug-n-Play
2. Automatic discovery, to locate and identify instantly of all wireless & rogue devices, and reporting of their status.
3. Hierarchical management structure for easy group management.

■ Centralized Security Policy Management

1. View and configure your wireless security settings from a centralized location.
2. The entire network can be updated in seconds from a single location.

■ Security Management

1. Authentication, authorization, and accounting control.
2. Radius, MAC-based Authentication.
3. WEP Encryption, WPA, Secure SSID and User Authentication.
4. Supports most of the authentication protocol of IEEE 802.1x, such as EAP-TLS, TTLS, LEAP and PEAP.
Detailed log analysis via GUI

■ Centralized Firewall Management

1. Keep consistency of the firewall rules of all devices.
2. Keep the company's information security guideline consistent.

■ Configuration & Software Management

1. Configuration Report
2. Group Configuration

■ Internet Access Control

1. Network Plug-n-Play
2. Manage 150,000 user accounts

■ Network Security System

1. Provide Firewall, IPS, VPN Functionality.
2. QoS Bandwidth Management
3. Prioritize network traffic by IP or network service.

■ Logging and Reporting

1. All administrator operations are logged.
2. Automated Job Status Reporting.
3. Devices status monitoring and report.
4. Information Security Breach log and warning
5. Intrusion log and warning
6. Illegal login of the system

■ System Services Management

1. Friendly Web based GUI
2. Automatic Time Synchronization
3. Online firmware update
4. Searchable Logs
5. Remote System Administration
6. Remote VPN tunnel setting and management
7. Real time connection monitor and management

Hardware Specifications

- **Ports (10/100Mbps RJ45) :** WAN : 2 ports , LAN : 1 ports
- **Power :** 110 – 220V AC Power
- **LEDs :** Power/Status, WAN1, LAN1 – LAN 4
- **Dimension (mm) :** 430 (W)x230(D)x45(H)

Application Diagram

