D-Link®
Building Networks for People

DSA-3200

Airspot™
Wireless G Public/Private Gateway

D-Link, the industry leader in innovative networking solutions, introduces the *Air*spot family of service gateway products. With the increasing number of telecommuters and road warriors, Wi-Fi enabled hotspots have spread across the country to accommodate the need for on-demand Internet access. The D-Link *Air*spot DSA-3200 Wireless G Public/Private Gateway provides a simple all-in-one solution for adding public wireless Internet service to any establishment while maintaining the integrity of the existing network.

The DSA-3200 is a secure wireless hotspot gateway designed to create separated networks through 802.11g wireless connectivity and its two integrated public and private ports. This gateway creates a public 802.11g wireless network for wireless clients and a public LAN network – so both wired and wireless patrons can access a free or fee-based broadband Internet connection. Through the private port, hotspot operators can be assured their private and confidential information remains secured from public access. And depending on the establishment size and network deployment needs, hotspot operators can add switches and additional access points to expand their networks to provide full wireless coverage.

Business owners maintain full control over their hotspot service using the DSA-3200's wide variety of advanced features. This gateway manages up to 250 user accounts in its internal database and supports up to 50 current users online at any time. Additional features include user bandwidth control, network policy enforcement, customizable user timer, customizable login/logout web-page, online traffic monitoring, and URL redirection. The DSA-3200 also supports NAT IP Plug & Play (IP PnP) which allows any network-ready computer to connect to the Internet without having to change their static IP configurations.

In order to prevent unauthorized users from accessing the public hotspot service, the DSA-3200 supports Authentication, Authorization and Accounting (AAA) to ensure all wireless users have the correct right to connect. The DSA-3200 also supports an internal user authentication database as well as a RADIUS client for larger-scale hotspot networks. For the private network, the integrated DHCP server and firewall with Denial of Service (DoS) Protection safeguards the network from malicious attacks and hackers.

Hotspot operators can easily manage the DSA-3200 unit and all its provided features via its Web-based configuration utility. The user-friendly interface is intuitive enough for anyone managing the hotspot venue to use and reconfigure settings if necessary. In addition, by adding a DSA-3100P Ticket Printer to your hotspot setup, the one-touch button prinst login tickets and dynamically adds user accounts.

Whether the location is a coffee shop, airport terminal, bookstore, school campus, or resort, business owners can maximize their network investment using DSA-3200 Wireless G Public/Private Gateway to provide their customers with the value-added service of a public hotspot network.

Product Data Sheet

Airspot Wireless G Public/Private Gateway | **Provide Internet Access and Control your Hotspot**

Specifications

Software

Firewall Mode of Operation
• NAT
• Specific Route Profiles
• Dynamic NAT (IPPnP)

User Management
• Up to 50 Concurrent Online Users (not including Private Lan)
• Customizable User Logout timer
• Guest Account Access
• Login Schedule Policies
• Authentication
  • RADIUS
  • Local (Internal) Database
• Accounting
  • RADIUS
  • Internal Database
• Local (Internal) Database
  • Store Up to 250 Users
  • MAC Access Control List
• On-Demand User Database
  • Generate Up to 2000 Users
  • Account Balance Reminder
  • Configurable User Expiration
  • Requires External Ticket Printer (DSA-3100P)
• Online User Monitoring
• Group-Based Rate Limiting

Security
• Public WLAN
  • User Authentication
• Public LAN
  • User Authentication
• Private LAN
  • No Authentication
• 802.1x/WDA-Enterprise/WPA-Personal
• Dual User Authentication Policy Simultaneous
• Customizable Walled Garden
• Secure User Login (SSL)
• IP/MAC Authentication Pass-through
• Upload Custom SSL Key and Certificate
• DoS Protection
  • NMAP FIN/URG/PSH
  • Xmas Tree
  • SYN/RST
  • Ping of Death
  • Null Scan
  • SYN/FIN

Network
• NTP Client
• DMZ Mapping
• Virtual Server Mapping
• HTTP Proxy (External-Internal))
• Destination IP/Port Redirect
• Multiple DHCP Server w/IP Reservation
• RADIUS Client (PAP or CHAP)
• NAT Pass-through Support
  • IPSec (ESP)
  • PPTP/L2TP
  • H.323
• WAN Connection Type
  • DHCP Client
  • Static IP
  • PPPoE Client

Administration
• Web-based Management
• Serial Console Management
• SSH Remote Management
• SSL Protected Administration Interface
• SNMP v2c (read-only)
• External SYSlog Support
• Remote Firmware Update
• WAN Fail Function
• IP Monitor Function (ICMP)
• Admin and History E-mail

Standards
• 802.1x (EAP-MD5/EAP-TLS)
• 802.3u
• 802.11b
• 802.11g

Physical & Environmental

Interfaces
• WAN: 1x 10/100Base-TX Port
• LAN: 2x10/100Base-TX Public Ports, 2x10/100Base-TX Private Ports
• WLAN: 1x 10/100Base-TX Port
• Detachable Antennas: 2x 2dBi High-Gain

Diagnostic LEDs
• Power
• Status
• WAN Link / Activity
• WLAN Link / Activity
• Private LAN Link / Activity x 2
• Public LAN Link / Activity x 2

Power Input
• External Power Supply 5 VDC, 3 Amps

Dimensions
• 9.21" L x 6.33" W x 1.38" H

Weight
• 1.04 lbs

Temperature
• Operating: 41° to 113° F
• Storage: -13° to 131° F

Humidity
• 5% to 95%

Emission (EMI)
• FCC Class B
• CE Class B

Safety
• UL
• CSA
• TUV/GS
• T-mark

Warranty
• 1 Year

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