



NSG-4000 Concierge Internet Subscriber Server II

Features

- Integrated Hot Spot Solution for Rapid Deployment
- Instant PnP Connectivity for up to 1,024 simultaneous users
- Four auto-sensing 10/100 Ethernet ports and one 10/100 Ethernet uplink port
- Complete User Authentication and Accounting
- Enhanced Remote Management
- Comprehensive Security
- Proprietary AAA/Billing System
- Fidelio PMS Support
- Compact 1U rack mount design

Standards

- 802.3 Ethernet
- 802.3u Fast Ethernet
- RFC 1631 Network Address Translation (NAT)
- SNMP Version 1/2 (MIB II with traps)



The NSG-4000 Concierge Internet Subscriber Server II provides an intelligent solution for medium to large deployments of “hot spot” broadband services for hospitality, MTU/MDU, airport, and campus applications. The NSG-4000 features a 4-port VLAN switch, advanced security, network management, and supports up to 1,024 concurrent users with plug and play connectivity.

The NSG-4000's IP Plug and Play technology immediately recognizes new end-users on the network, remembers returning users and redirects their browser to customized Web pages. The NSG-4000 eliminates the need for end-users to change their default network, e-mail, or browser settings or load any special software, even if their configured mail server is unavailable or behind a corporate firewall. It's completely plug and play with any browser!

The NSG-4000 Internet Subscriber Server II works with industry-standard RADIUS server that enables control of user login names and passwords and fully supports AAA (Authentication, Accounting and Authorization). The NSG-4000 provides management of all your underlying network devices with Syslog messaging, SNMP, and LAN device management to reduce maintenance overhead. The comprehensive security features include a secure operating environment with VPN pass through, SSL certificate, and Layer 2 isolation V-LAN security. The NSG-4000 features fully customizable login and logout pages and the ability to redirect end users to your advertising web pages for increasing revenue. The walled garden feature allows unregistered users to gain free limited access to up to ten (10) URL links for promoting your services or the services of others.

The Concierge Internet Subscriber Server II works with the Micros/Fidelio Hotel PMS billing system that enables hotel operators to manage user access and fully administer the billing of Internet Access. The NSG-4000 includes a proprietary AAA and billing system that allows control Internet access billing without an external AAA server or billing server.

The Netsys Internet Subscriber Server II is an ideal hotspot solution for deployment at venues supporting 1,024 users in a broadband-enabled environment such as hotels, coffee shops, airports, conference facilities and other sites that commonly host business travelers, and offers instant high-speed Internet connections with no reconfiguration or support.





Detailed Specifications:

Package Contents

- 1 X NSG-4000 Unit
- 1 X User Manual CD
- 1 X AC Power Cord
- 2 X Rack Mount Brackets
- 8 X Mounting Screws
- 4 X Rubber Feet
- 1 X DB9 Male/Female Console Cable
- 1 X DB25 Male to DB9 Male Connector

LAN Port Features

- 4 X 10/100 Mbps auto-sensing full or half duplex RJ-45 Ethernet ports
- Supports Auto MDIX

WAN Port Features

- 1 X 10/100 Mbps auto-sensing full or half duplex RJ-45 Ethernet port
- Supports Auto MDIX

Console Port DB-9F RS-232 connection for out-of-band console access

LEDs

- 3 X LEDs for the Ethernet LAN/WAN Ports (Link/Activity, 10/100 Mbps, Full Duplex)
- 1 X Power LED
- 1 X Alarm LED

Networking Features

- Supports up to 1024 concurrent users
- Supports 30.61 Mbps throughput (SMB 6000)
- Supports IP Plug & Play (iPnP)
- Built-in DHCP server capable of serving 512 IP Addresses
- Supports DHCP Relay
- Provides HTTP Proxy capability
- Allows SMTP redirection
- Provides IP Multicast Support
- Allows DNS redirection
- WAN IP Address may be assigned statically, via DHCP client, PPPoE, or PPTP
- Provides Network Time Protocol (NTP) Support

AAA/Billing Features

- Supports web-based authentication
- Supports RADIUS Client/AAA
- Smart Client support (Boingo/iPass)
- RADIUS Authentication Method: PAP/CHAP
- Provides secondary RADIUS Server
- Internal Accounting for 512 static accounts
- Provides internal billing capability
- Allows subscribers access to internal account for both static and dynamic accounts
- Supports Port Location Mapping
- Supports Bandwidth Management: Equal Bandwidth/Class of Service
- Provides Fidelio PMS Support
- Provides PMS Transaction logs
- Provides 802.1Q Tag-based VLAN Support for PMS

Security Features

- Supports Layer 2 isolation
- Supports Port-based VLAN
- VPN Pass Through: IPSEC ESP Tunnel/PPTP/L2TP
- Supports SSL Administration
- Supports SSL Login capability
- Supports Customized SSL certificates
- Supports 802.1x (Pass Through)

Management Features

- Supports Administrative access control
- Administrative access via the LAN/WAN Interface
- Supports Syslog capability
- Supports SNMP capability
- Provides CGI Remote configuration
- Supports extensible Markup Language (XML)
- Passthrough Address: IP/MAC/URL
- LAN Device Management
- Provides schedule firmware upgrade capability
- Allows settings to be exported and imported as necessary
- Front panel reset button

Other Features

- Provides advertisement URL link
- Provides Wall Garden for service demonstration
- Provides home page redirect capability
- Provides ability to customize login page

Mounting Method 19" Rack Mount (1RU) or Desktop

Dimensions 17.32" x 4.57" x 1.73" (440mm x 116mm x 44mm)

Shipping Weight 5 lbs. (2.27Kg)

Power Requirements Internal AC 100-240 volts; 50-60 Hz IEC-320 power plug on back of unit

Operating Temperature 32 to 113°F (0 to 45°C)
1 cooling fan located on back of unit

Humidity 10% to 90% Non-Condensing

Agency Compliance FCC Part 15 Class A, VCCI Class A, UL

Warranty 1 Year

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