



High Speed Internet Access (HSIA) Designed for Hospitality

Benefits

Plug-and-play Connectivity

The VSG-1200 V2 is an access server that recognizes new users on a network and re-routes all the different IP settings pre-configured on users' computers. By re-routing settings such as DHCP, DNS, and Proxy, in addition to a static or private IP, subscribers are able to gain access to the Internet without changing any settings. The VSG-1200 V2 also provides SMTP server re-direction, which helps users to send e-mail via the local SMTP server instead of the predetermined default server.

Secure Protection for Customer Login, Remote Access and Administration

In today's business environment, companies increasingly support VPN (Virtual Private Network) to facilitate secure remote access to local networks. The VSG-1200 V2 allows VPN (PPTP, IPsec and L2TP) traffic pass through, allowing telecommuters and other personnel to safely access important or confidential information while traveling. The VSG-1200 V2 allows secure passing of authentication information through SSL encryption for both web-based administration and user login.

Flexible Authentication, Authorization and Accounting (AAA)

The VSG-1200 V2 supports both RADIUS (Remote Authentication Dial-In User Service) and proprietary implementation to authenticate, authorize and record the Internet usage of customers. The RADIUS support gives service providers an easy way to manage and maintain a large group of subscribers over the Internet, while the built-in authentication server allows an administrator to control and authenticate a subscriber's access rights based on a login name and password. Internet usage can be easily charged by pre-defined billing plans (by either minute, hour, day or other options). With the PMS interface, the VSG-1200 V2 can easily provide information on the Internet usage of different customers to the existing property management system in a hotel application.

Global Roaming Support

Internet mobility has been greatly increased by subscription to roaming service offered by AIRPATH, BOINGO, IPASS, GRIC and others. With built-in RADIUS client, the VSG-1200 V2 exchanges AAA information with service providers' server, and thus enables global Internet roaming service.

- PMS Integration
- RADIUS Authentication/Accounting
- Time-based Billing (Billing by Minute, Hour, Day, Week, etc)
- SSL Secure User Login Process
- VPN Pass Through (IPsec/PPTP/L2TP)
- 802.1x Pass Through



Vantage Service Gateway

USG-1200
V2

Easy Configuration and Management

System configuration of the VSG-1200 V2 can be saved and exported to a file that can be used for subsequent re-configuration or configuration of another VSG. The VSG-1200 V2 supports port mapping, which allows system administrators to remotely manage and configure devices with private IP address. The Web-based management interface of the VSG-1200 V2 offers an easy-to-use platform, independent management, and configuration options. The VSG-1200 V2 supports SNMP and MIBs, both of which can be managed via standard-based management software.

Additional Revenue Generation

The VSG-1200 V2 offers homepage redirection as well as multiple URL-link redirections for advertising options for service providers, hotels or property owners. The VSG-1200 V2 allows service providers or system administrators to create a “walled garden” where unauthenticated users can be granted free access to selected links.

Specifications

System Specifications

Networking

- IEEE 802.3 10BaseT Ethernet
- IEEE 802.3u 100BaseTX Fast Ethernet
- Supports 1024 Simultaneous Users
- Supports all operation systems with TCP/IP support (Windows 95/98/NT/2000/XP, Mac OS, UNIX, Windows CE, Palm, IE, Netscape, Firefox)
- IP Plug and Play (iPnP)
- HTTP Proxy Support (Any proxy port)
- SMTP Server Redirection
- DHCP Server (RFC 2131)
- DHCP Relay (RFC 1542)
- Static IP WAN Client
- DHCP WAN Client
- PPPoE WAN Client (RFC2516)
- PPTP WAN Client (RFC 2637)
- NAT (RFC 1631): NAT pool function can use the different Public address to access the same VPN Server
- Maximum numbers of Session 16384
- Maximum numbers of Local Account Static+Dynamic=1024

AAA

- RADIUS Authentication/Accounting
- Secondary RADIUS Server
- Proprietary Authentication/Accounting
- Web-based Account Manager
- Built-in Web-Based Authentication
- WISPr Smart Client Support Pass Smart Client
- User-Based Bandwidth Management

Billing

- Proprietary Billing Profile Mechanism
- Time-based Billing (Billing by minute, hour, day, week, etc. These billing options offer the customer choice and flexibility, allowing the Service Provider to control costs in a pay per use environment)

- Usage-based Billing (Billing by usage enhances service by giving customers choice and billing flexibility)(Note: Only supported in Radius Authenticon)
- Online Credit Card Authentication (Enables guests to simply charge the service to their credit card)(Authorize.net)
- Billing log record Max.=5000

Security

- SSL Secure User Login process
- SSL Secure Web-based administration
- VPN pass through (IPSec/PPTP/L2TP)
- IP/MAC/URL address pass through
- 802.1x pass through

PMS Integration

- Micro Fidelio Protocol compatible

Performance & Management

- Max.Throughput: 72 Mbps
- Concurrent User: 1024 (Static+Dynamic)

Management

- Administrator/Account Manager Management Access
- Remote Web-based Configuration and Management
- Authorized remote management
- Firmware Upgrade (RFC 1350) via TFTP/HTTP
- Import/Export Setting
- Watchdog Mechanism
- System Information Table
- Real-time Current User List/DHCP Client List/ Session List/Account List
- Syslog Application
- Log by E-mail
- SNMP MIB I/II
- Private MIB (Read only)
- LAN devices Management

Local Service

- Advertisement URL link
- Walled garden
- Login Page Redirection
- Customize Login Page
- Portal Page

Hardware Specifications

Interface

- One RJ-45 connector for 10/100BaseTx WAN Ethernet port with Auto Cross-over
- One RJ-45 connector for 10/100BaseT LAN Ethernet port with Auto Cross-over
- Two serial port:
 - DB9 Female RS232 for Console
 - PMS application

LED

- Power
- Status
- WAN: 100, LK/ACT, FD
- LAN: 100, LK/ACT, FD

Power

- Internal universal switching power supply
- 100-240 V AC, 50/60 Hz
- Maximum power consumption: 10 W

Physical Specifications

- Dimensions: 440 (W) x 116 (D) x 44 (H) mm
- Weight: 1.7 kg

Environmental Specifications

- Temperature
 - Operating Temperature: 0°C ~ 50°C
 - Storage Temperature: -10°C ~ 60°C
- Humidity: 10% ~ 95% (non-condensing)

Certification

- FCC part 15 Class A, VCCI Class A, CE, CSA, WEEE, RoHS

For more product information, visit us on the web www.ZyXEL.com



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