

54Mbps Hot Spot Wireless Subscriber Gateway



Inheriting the convenience of Plug-n-Play Internet access, the PLANET WSG-404 Wireless Subscriber Gateway is the ideal solution for establishing Hot Spot Internet service applications. Built-in billing mechanism and receipt printing capabilities make the PLANET WSG-404 suitable for providing Internet access of businesses and public areas applications, such as hotel, cyber café, train stations, school libraries and airports.

The PLANET WSG-404 comprises 802.11g, wireless access point, interface, a 4-port auto-sensing, auto-MDI/MDI-X 10/100Mbps switch, and a standard 10/100Base-TX WAN port providing superior Internet access for wired and wireless subscribers. Internet subscriber gateway WSG-404 combines all the functionalities in a single, tiny box. The product can work independently, and computer expertise is not required. This attracts customer to deploy their Hot Spot business faster and easier than ever. With backend-RADIUS-Server, Hotspot operator can integrate WSG-404 with any kind of RADIUS Server which is standard based. In addition, WSG-ACG4, a compact thermal printer allowing machine operators, clerks and cashiers to print out billing information in a minute.

KEY FEATURE

Ideal Hot Spot solution

- Via the integrated 802.11g wireless interface, mobile users can establish high speed Internet access without any configuration.

Zero configuration (Plug-n-Play) Internet access

- WSG-404 translates proper IP address information for Internet access, all IP configurations, either DHCP, Private IP or Static IP information will be turned into Internet-ready configurations. Subscribers won't feel the difference, and no need to face to the inconvenience of IP reconfigurations.

Built-in proprietary AAA mechanism and billing system

- PLANET WSG-404 integrates Web-based Authentication (including subscriber SSL logon page), selective Web-based Accounting, and proprietary billing mechanism, which can help you to prepare a billing mechanism in a very short time and bring most convenience, the least efforts for billing applications.

RADIUS AAA support

- WSG-404 provides standard based Radius Client to communicate with any standard based Radius server, in order to support AAA (Authentication, Authorization and Accounting).

Exclusive Printer Accounting (Optional)

- Machine operators may customize the printout information for different billing application.

Security and Firewall

- With built-in 64/128-bit RC4 WEP Encryption, VLAN Security for Wireless, subscriber SSL Login Page / Admin Page, VPN (IPSec/PPTP) Pass through...various security features, PLANET WSG-404 bring you an ease-of-use and most comfort safe Internet access environment.

Ease-of-Use and Management

- The built-in web management interface in WSG-404 brings most convenience to system administrators or machine operators while configuring machine or setting up subscriber privileges in movements. With time increments, clerks or machine operators may print out, billing and other user information with time increments are conveniently printed on the button-operated printer included with the PLANET WSG-404. Time increments may be compiled simply by pressing the printer button multiple times. No computers or complex back-end subscriber management systems are required for deployment.

Virtual Server & DMZ Capability

- The standard and user-defined Virtual server gives the WSG-404 has the most flexibility to share local resources like Email, FTP or HTTP servers to the Internet in a more secure way. The DMZ (De-Militarized Zone) capability helps LAN users to act like an independent Internet node that communicates to the Internet in both directions while maintaining security for LAN users.

SPECIFICATION
Product 54Mbps Hot Spot Wireless Subscriber Gateway

Model	WSG-404	
Ports	LAN	4 x RJ-45 (10Base-T/100Base-TX, Auto-Negotiation, Auto MDI/MDI-X) 1 x 802.11g wireless AP interface
	WAN	1 x RJ-45 (10Base-T/100Base-TX, Auto-Negotiation)
	Printer	1 x RJ-11
Wireless Data rate	Up to 54Mbps with auto fall back with 802.11b	
Wireless Encryption	WEP 64/128-bit, WPA with TKIP	
Wireless Antenna Type	2dBi (Max) Dual detachable diversity antenna with reverse SMA	
Internet sharing	Plug-n-Play Internet access	
Protocol	TCP/IP, HTTP,HTTPS, DNS, NAT, NTP, DHCP	
Management	HTTP, Remote Authorized Management	
AAA System	Built-in billing system Built-in authentication system Built-in accounting system	
LED Indicators	1x PWR LED, 1x WLAN LED, 1x WAN LED, 4x LAN LEDs	
Security	Layer 2 Isolation Security Secure HTML Login Page (SSL) VPN (IPSec/PPTP) Pass through	
Power Requirement	12VDC, 1.5A	
Dimension (W x D x H)	230 x 150 X 45.5 mm	
Environmental	Temperature: 5~45 Degree C (operating) Humidity: 10~ 80% (non-condensing)	
Emission	CE, FCC Class B	

Product Thermal Printer for WSG-404

Model	WSG-ACG4
Print Method	Thermal line
Print Speed	80 mm/s
Print Width	48 mm
Print Resolution	203 dpi
Paper Width	58 mm (+0/-1)
Power Supply	12V DC, 3.0A

APPLICATIONS
Wireless Internet Access on Coffee Shop, Restaurant, Airport, etc.

With PLANET WSG-404, you can now provide wireless Internet access for mobile users via simple steps. Customer can now use their notebook with wireless card to get seamless Internet Access without any IP configuration. You can also utilize WSG-404 built-in billing mechanism, providing accounting and billing function simply within a WSG-404.

Wired/Wireless Internet Access from Hotel, MTU, etc.

Travelers in airports, train station, campus, and hotel need Internet connection for Web browsing, E-mail and connection to company network via VPN. With WSG-404, you can now provide them hassle free, plug-and-play Internet access.


ORDERING INFORMATION

WSG-404	54Mbps Hot-Spot Wireless Subscriber Gateway
WSG-ACG4	Thermal Printer for WSG-404