

ZyAIR G-4100

802.11g Wireless Hot Spot Gateway with Printer



Recommended for

- Coffee shops and restaurants deploying a zero-configuration WLAN so that users do not need to change any settings
- Providing Hotspot service with minimal maintenance cost and no administration effort
- System integrators providing quick and easy deployment of Internet access and E-mail service in coffee shops, restaurants, and hotels
- Wireless ISP providing instant Plug-and-Play WLAN access controller for Hot-spot service
- Hot-spot service providers looking for a one-stop-shop Internet service with embedded billing mechanism and printer

Features

Hot-spot Service

- IP Plug & Play
- User Authentication and Accounting
- Flexible embedded Billing Profile
- Walled Garden
- Advertisement URL Links
- Portal Page Re-direction
- Login Page Re-direction
- Outgoing SMTP Server Re-direction
- Web-based User Authentication by SSL security

Wireless LAN Security

- 64/128 bit WEP
- Wi-Fi Protected Access (WPA)

- WPA-PSK
- 802.1x: MD5/TLS/TTLS/PEAP
- MAC Address Filtering
- VPN pass-through
- SSL Login and Administration
- Block Intra-BSS Traffic (Layer 2 Isolation)

Network

- NAT (RFC 1631)
- DHCP Client/Server/Relay
- DNS Re-direction
- PPPoE Client
- PPTP Client
- Network Time Protocol

Advanced Applications

- Embedded User Database
- LAN Device Management
- LAN Device Status Monitoring
- Syslog
- Default printer (SP-200) support
- Power over Ethernet Standard Compliant
- Detachable Antenna

System Management

- Web GUI
- Firmware Upgrade (WebGUI, TFTP)

Specifications

Hardware Specification

- Power: 5VDC
- LAN: Four 10/100 Mbps
- WAN: One 10/100 Mbps
- Reset Button
- RS-232 DB9: Printer Port

Physical Specification

- Dimensions: 212.5(L) x 138.5(D) x 52.0(H) mm
- Weight: 509g (G-4100 only)/934g (Printer only)

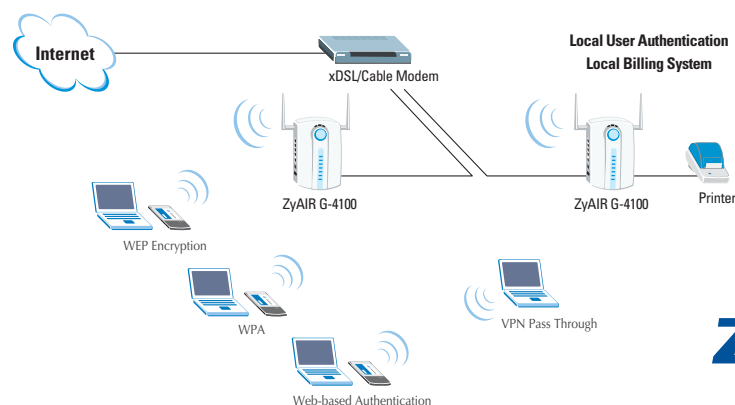
Operating Environment

- Operating Temperature: 0 ~ 50°C
- Operating Humidity: 20% ~ 90% (non-condensing)

Certification

- Major Regulatory Compliance
- EMC: FCC Class B, CE-EMC Class B, C-Tick Class B
- Safety: CSA International, CE EN60950-1

Application Diagram



Feature Matrix

Model Name		ZyAIR B-4000	ZyAIR G-4100
Product Description		Wireless Hot Spot Gateway	802.11g Wireless Hot Spot Gateway with Printer
IEEE 802.11	802.11b	•	•
	802.11g	-	•
Wireless LAN Frequency	Number of possible WLAN-cells	3	3
	Max number of channels	13	13
Hardware Specification	Ethernet (WAN/LAN)	1/4	1/4
	Power	5 V DC	5 V DC (PoE)
	Reset button	•	•
	Console	•	•
	Antenna jack	Rev-SMA	Rev-SMA
	Number of detachable antenna	2	2
	Antenna gain	2 dBi	2 dBi
Advanced Wireless Applications	Max number of clients	unlimited	unlimited
	DHCP-Server	•	•
	DNS-Relay	•	•
	NTP-Server	•	•
	PPPoE client	•	•
	Power over Ethernet	-	•
Security Wireless	WEP64	•	•
	WEP128	•	•
	802.1x/EAP	•	•
	WPA	-	•
	WPA-PSK	-	•
	Embedded RADIUS server	•	•
	MAC-Filter	•	•
	Protocol Filter	•	•
	Block Peer2PeerWLAN	•	•
	IP-sec over WLAN	•	•
Administration	HTTP	•	•
	HTTPS	•	•
	Telnet	•	•
	SNMP	•	•
	Syslog	•	•
	Serial connector	•	•
Public Hot Spot Applications	User authentication	•	•
	IP Plug & Play	•	•
	Custom login page	•	•
	Walled garden	•	•
	AAA	•	•
	RADIUS client	-	•*
	Thermal printer	•	•
	Smart client support	•	•

* For future release



This product is designed for the 2.4 GHz WLAN network throughout the EC region

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