

WG-604 Hotspot Gateway

The Powerful Hotspot Gateway / Router Solution
for B&B, Coffee Shop / Restaurant,
Campus / Library / Dormitory and any Public areas



VPN Passthrough



3.5 TIMES FASTER



iPNP

WG-604 FEATURE

- Up to 200 simultaneous devices
- 3.5 times faster as bundling core processor with separate WLAN module
- 3 antennas to offer unparalleled performance
- Compatible with IEEE 802.11 b/g/n wireless LAN 2T3R
- RADIUS AAA support (RFC 2865/2866)
- Web-based authentication and management
- Support WPA/WPA2, 64/128 bit WEP data encryption, layer 2 isolation, and SSL login page to enhance security
- Support firewall functions: VPN (IPSec/PPTP/L2TP), PPTP VPN client, and IP/MAC/URL address pass through

AG-300E FEATURE

- Multi-function printer for account report printout
- IEEE 802.3af PoE (power over ethernet)
- One PS/2 port for connecting to a keypad
- 10/100Mbps transfer LED light
- Press combination hotkeys to generate billing and system summary
- Support additional 10 billing profiles with PS/2 keypad

DESCRIPTION

The WG-604 300Mbps Hotspot Gateway / Router provides unsurpassed wireless high-speed performance. This application is perfect for Bed & Breakfast, Coffee Shop / Restaurant, Airport / Transportation Center and Campus Library / Scenic Square venues to provide guests, visitors and customers a powerful Wi-Fi Hotspot network service. The product design is bundling core processor with separate WLAN module that allows users to enjoy 3.5 times faster than competitors' Chip on Board for WLAN. It is equipped with 3 antennas to offer the most concurrent users an unparalleled performance ever on a hotspot gateway.

The WG-604 provides a customized and user-friendly management interface that supports web-based authentication and management tool, and marketing cooperation. It also can be integrated with RADIUS AAA server, pre-paid card system, billing system, SMTP server, web server, SNMP management and syslog server. It can work with AG-300E Account Generator Thermal Printer that allows the proprietors to generate a billing and system summary with a single kit simply.

AG-300E Account Generator

The Patented Hotspot Account
Generator with a Single Click



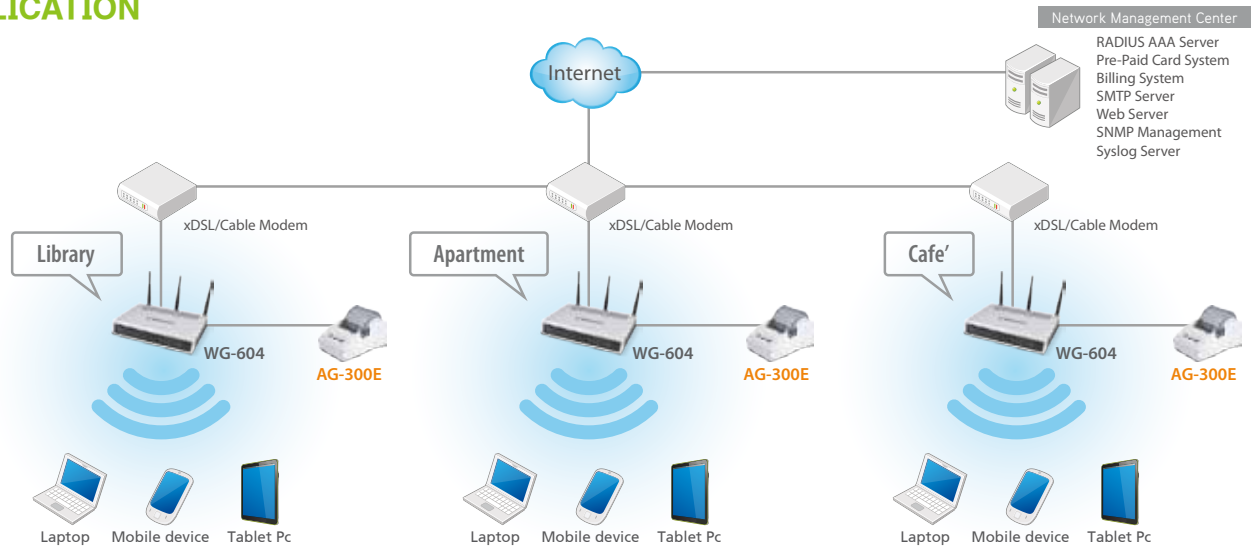
DESCRIPTION

The AG-300E patented Account Generator Thermal Printer provides a simple hotkey to generate an account and print it out. It is designed to work with WG-604 HotSpot Gateway or ISS-7000 Internet Subscriber Server. This application offers Internet and billing service at the coffee shop, restaurant, office, lobby and meeting room. The AG-300E is a multi-function printer, It generates billing and system summary only by press combination hotkeys that includes daily account, monthly account, system status, and network report printout.

Protected by TW Patent 223184, JPN Patent 3099924,

China Patent ZL03204640.5, US patent US 8,010,421 B2, European Patent 1404056

APPLICATION



WG-604 SPECIFICATION

Network Specification	IEEE 802.3 10Base TX Ethernet IEEE 802.3u 100Base TX fast Ethernet IEEE 802.11n Wireless LAN 300Mbps IEEE 802.11g Wireless LAN 54Mbps IEEE 802.11b Wireless LAN 11Mbps ANSI/IEEE 802.3 NWay auto-negotiation
Compatibility	All Wi-Fi certificated wireless adapters Support all operation systems
Interface	4 LAN Ports (10Base T/ 100Base TX auto cross-over) 1 WAN Port (10Base T/ 100Base TX auto cross-over)
Concurrent Devices	200
Wireless Data Rate	Up to 300Mbps with auto fall back with 802.11b/g
Frequency Band	2.4 GHz frequency band
Encryption	WPA/WPA2, 64/128 bit WEP data encryption
Power Requirement	External power adaptor Input: 100-240 VAC, 50/60 Hz Output: 12V, 1.5Amp
Authentication	Web-based authentication RADIUS AAA support (RFC 2865/2866) User authentication and accounting
Wireless Operation Range	Up to 150 meters (outdoor)
Dimension	(L): 222mm / (W): 143mm / (H): 36mm Weight: about 500g (net)
IP Plug and Play	Zero end-user configurations
Mounting	Desktop/ Wall mounted

Environmental Conditions	Operating Temperature: 0°C to 50°C Storage Temperature: -10°C to 60°C Humidity: 10% ~ 90% non-condensing 10% ~ 80% condensing
Security and Firewall	SSL User login page Layer 2 isolation security IP/MAC/URL address pass through VPN (IPSec/PPTP) pass through PPTP VPN client IP/URL filtering
Management	Configuration page Web-based management tool TFTP/HTTP firmware upgrade Wizard setup for step-by-step configuration Backup/Restore configuration file Remote authorized management Real-time session list LAN device management Syslog (System/ User/ Accounting and billing / LAN devices management) E-mail logs SNMP v1/v2c
Marketing Cooperation	Standard login page Customizable log-on and log-off pages Advertisement URL link Walled garden WISPr smart client Logout window timer control
Certification	FCC/ CE/ C-Tick/ VCCI/ GOST

AG-300E SPECIFICATION

Interface	Ethernet / IEEE 802.3 af Power over Ethernet
Input / Output	DC power in Reset button PS/2 keypad line out (Optional) 10Mbps transfer LED light: green light will flash if 10Mbps throughput is transferred 100Mbps LED light: yellow light will flash if 100Mbps throughput is transferred
Dimension	(L): 109 mm / (W): 155 mm / (H): 90 mm Weight: about 340g (net)
Printer Tray	Push button: push to open printer cover Tear bar: cuts receipt paper Button A: flashing when printer cover is opened Paper roll housing: put paper roll here

Paper Roll Specification	(W): 58(+1/-1) mm / (L): 50meters (max) / Thickness: 65um Outside diameter: 63(+2/-2) mm Inside diameter: 12(+0.5/-0.5) mm Weight: 120 grams.
Environmental Conditions	Operating temperature: 0 °C to 50°C Storage temperature: -10 °C to 60°C Humidity: 10% ~ 90% non-condensing 10% ~ 80% condensing
Certification	FCC/ CE/ C-Tick/ VCCI


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