

# WG-500P Hotspot in a Printer

Wireless Subscriber Gateway with built-in thermal printer to generate user's account for Internet access and is perfect for small venue owners.



## FEATURE

- All-In-One Instant Hotspot Gateway with built-in Thermal Printer
- Compatible with IEEE802.11n/b/g , Wireless 2T2R 2.4GHz with 300Mbps high speed network
- Support up to 50 simultaneous devices and up to 256 local accounts
- Support QR Code print out  
Make more convenient for portable devices to login
- Support WPA/WPA2 Encryption
- **AAA Control and Billing Support**  
Support network access control service including Authentication, Authorization and Accounting (AAA) for internet subscribers and 10 billing profiles
- **Support Rich Functions**  
Transparent HTTP proxy, Layer 2 Isolation, Administration access Control , SSL login page and various WAN connections
- **VPN PASS Through**  
Run your VPN or Secure tunnelling client software to connect to your company's VPN server
- Support WDS function with repeater mode\*
- Allow multiple devices to login one subscriber account\*
- USB to Ethernet connector design to support multiple LAN Device usage
- **Multiple languages support**  
For ticket printout format and login-page only, language support available in English/ German/ French/ Spanish/ Portuguese/ Italian languages
- **IP Plug and Play Internet Access**  
Zero configuration Internet access!  
Connect your office PC, laptop and handheld devices to the network without human intervention. It will automatically configure itself for the network

## DESCRIPTION

With BYOD trend today, most people need Wi-Fi access for their works, researches and communications. Therefore, the WG-500P offers you a robust and secure hotspot solution which is just perfect for the mini size venues such as café/ airport lounge/ store or shop. The WG-500P provide customizable billing profiles and internet access with time limit control which is based on our billing management.

The WG-500P can help to promote your products, services and satisfy your customers. With its user friendly design, venues owners can easily train their staffs to operate the gateway and print out the account ticket to access Internet for their customers.

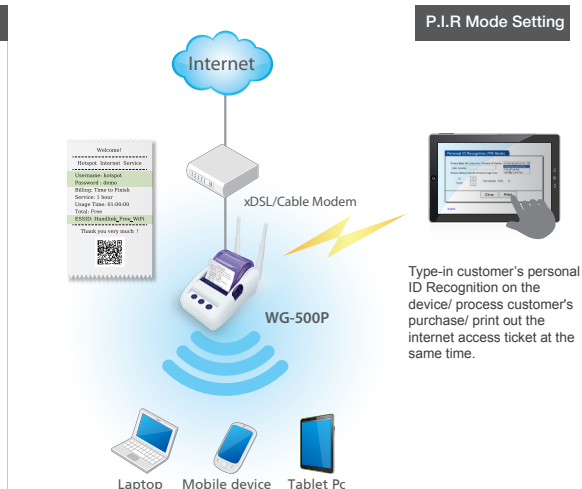
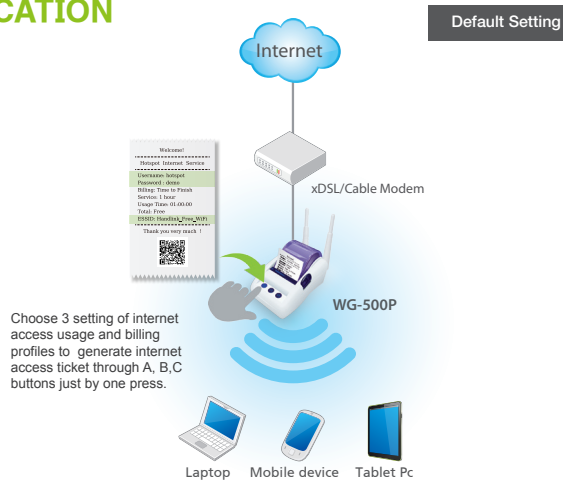
The WG-500P can be used as a standalone authentication gateway to monitor and control Internet access while guests/visitors are visiting. The features of WG-500P support web-based authentication and management tool and marketing cooperation such as walled gardens, an internal portal page, and external portal page redirection. It also offers bandwidth and billing management.

In traditionally, the venues who provide a public internet access with the same username and password to guests which are insecure and easy to get identity hijacked. Or they have to take lots of efforts to provide the secure Internet access for guests such as pre-built user's accounts with passwords and print them out. Now with advantage of the WG-500P patented Account Generator, the venues can easily generate and print out a private Internet access ticket just in seconds with one press.

We also design a login page for venues to key-in guests/visitors identity to fit the laws. According to the law, it requires venue owners to provide the guest's Internet usage records for tracking. Thus the WG-500P provides a Real-time session information and the remote site administrator could monitor the real time usage status via Session information page.

The WG-500P is one of unique innovation from Handlink, it's more than a simple Wi-Fi hotspot device; it's also equipped with IP Plug and Play technology so there's no need for end-users to change any settings in the their devices. It's fast, easy and trouble free to access Internet.

## APPLICATION



## SPECIFICATION

SOFTWARE	
Network Specification	IEEE802.3 10BaseT ethernet IEEE802.3u 100BaseTX fast ethernet IEEE802.11n/b/g
Wireless	IEEE802.11n 8 ESSID
Frequency Band	2.4 GHz frequency band
Wireless Operation Range	Up to 100 meters (outdoor)
Concurrent Devices	To extend wireless coverage, support USB to Ethernet for up to 50 devices
Wireless Data Rate	Up to 300Mbps with auto fall back with 802.11b/g
Networking	IP Plug and Play (iPnP) HTTP Proxy support SMTP server redirection DHCP server (RFC 2131) / DHCP relay (RFC 1542) Static IP / DHCP / PPPoE / PPTP WAN client NAT (RFC 1631); IP routing; NTP support Local account: 256 Max session number up to 16384
Encryption	WEP 64/128bit, WPA-PSK TKIP, WPA2-PSK (AES) WPA/WPA2 Mix mode
Authentication	Built in authentication Radius authentication/ Accounting Web-based authentication/ Account manager/ Authorization user agreement
Billing	Accounting without PC operating Credit card support 10 Customizable billing profile Prepaid billing mechanism Time-base billing (by minute, hour, day and week) Account log max. 1000
Security and Firewall	Layer 2 Isolation SSL Login Page/ SSL Administration VPN pass through (IPSec/PPTP/L2TP) Customize SSL certificate Pass through destination IP/URL Pass through source IP/MAC Restricted destination filtering IP/URL VPN PPTP client
Management	Remote web-based configuration and management Authorized remote management (Access Control List) Firmware upgrade (RFC 1350) via HTTP/TFTP Scheduled firmware upgrade Dynamic DNS Real-time current user list / DHCP clients list / Session list / Account list Syslog Bandwidth / Session control per user Session trace Secure remote SNMP V1/V2c (Read Only and OID 500)

Management	Ping command SSL certificate upload Internet access limit during the peak time*																		
Marketing Cooperation	Advertisement URL link Walled garden Customize login page, Logo, Information windows, Account print out, Credit card, User agreement Portal page QR code scan for login																		
HARDWARE																			
Power Requirement	External power adaptor Input: 100-240 VAC, 50/60 Hz Output: 12V, 1.5Amp																		
Input / Output	<p><b>One RJ-45 connector</b> 10/100BaseTX WAN/WLAN ethernet port with auto cross-over</p> <p><b>One Micro USB Connector</b></p> <p><b>Reset button</b></p> <p><b>Led Indicators</b></p> <table border="1"> <thead> <tr> <th>LED</th> <th>Light State</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Uplink</td> <td>Off</td> <td>Port has not established any network connection.</td> </tr> <tr> <td>Yellow</td> <td>A port has established a valid 10/100 Mbps network connection.</td> </tr> <tr> <td>Yellow Blinking</td> <td>10/100Mbps traffic is traversing the port.</td> </tr> <tr> <td rowspan="2">WLAN</td> <td>Off</td> <td>The wireless is not ready.</td> </tr> <tr> <td>Green</td> <td>The wireless subscriber gateway has established a valid wireless connection.</td> </tr> <tr> <td></td> <td>Green Blinking</td> <td>The wireless connection is active.</td> </tr> </tbody> </table>	LED	Light State	Description	Uplink	Off	Port has not established any network connection.	Yellow	A port has established a valid 10/100 Mbps network connection.	Yellow Blinking	10/100Mbps traffic is traversing the port.	WLAN	Off	The wireless is not ready.	Green	The wireless subscriber gateway has established a valid wireless connection.		Green Blinking	The wireless connection is active.
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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/ GOST-R/ Telec/ NCC/ NTC/ FAC BSMI*/ Anatel*/ COFETEL*																		

\* Features will be available in future release.



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