**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. We also designed No Wi-Fi Signal function setting at the peak time period to avoid clog, such as Breakfast, Lunch, Dinner period.

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**

Choose 3 settings of internet access usage and billing profiles to generate an internet access ticket through A, B, C buttons just by one press.

**SPECIFICATION**

<table>
<thead>
<tr>
<th>SOFTWARE</th>
<th>Value</th>
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| 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)  
Up to 30 (system will not limit it)  
With USB to Ethernet enable 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 Installation  
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 DID 500) |
| **Management** | Ping command  
SSL certificate upload  
Time limits during peak times |
| **Marketing Cooperation** | Advertisement URL link  
Walled garden  
Customize login page, Logo, Information windows, Account print out, Credit card, User agreement  
Portal page |
| **Power Requirement** | External power adaptor  
Input: 100-240 VAC, 50/60 Hz  
Output: 12V, 1.5Amp  
One RJ-45 connector  
10/100BaseTX WAN/WLAN ethernet port with auto cross-over  
One Micro USB Connector  
Reset button  
Led Indicators  
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.  
Green  
The wireless subscriber gateway has established a valid wireless connection.  
Green Blinking  
The wireless connection is active.  |
| **Input / Output** | Uplink  
Drop  
Yellow  
A port has not 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.  |
| **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): 50 meters (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/ QST-R1/ Telec*/ NCC*/ BSMI*/ ITC*/ FAC*/ Anatel*/ COFETEL*  
* Features will be available in future release. |

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