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**User manual SMC WHSG14-G**  
**User guide SMC WHSG14-G**  
**Operating instructions SMC WHSG14-G**  
**Instructions for use SMC WHSG14-G**  
**Instruction manual SMC WHSG14-G**



## USER GUIDE

SMCWHSG14-G	EliteConnect™ 802.11g Wireless Hotspot Gateway
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**Manual abstract:**

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1-3 Precautions Never remove or open the cover. You may suffer serious injury if you touch these parts. Never install the system in the wet locations. Use only the original fitting AC power adapter otherwise there is a danger of severe electrical shock.

Avoid exposing the Wireless Hotspot Gateway to direct sunlight or another heat source. Choose a well-ventilated area to position your Wireless Hotspot Gateway. 1-4 Outlook Figure 1-1 Wireless Hotspot Gateway Outlook 9 SMCWHS14-G 1-4-1 Top Panel The top panel of the Wireless Hotspot Gateway is shown below. Figure 1-2 Wireless Hotspot Gateway Top Panel 10 SMCWHS14-G LEDs Indication LED POWER State Off Green SYS Off Green Description The Wireless Hotspot Gateway is not receiving electrical power. The Wireless Hotspot Gateway is receiving electrical power. The Wireless Hotspot Gateway status is defective. The Wireless Hotspot Gateway status is complete. Green (Blinking) During firmware upgrades, this system LED will blink. WAN Off Green Port has not established any network connection. A port has established a valid 10/100Mbps network connection. Green (Blinking) 10/100Mbps traffic is traversing the port. LAN-1~ LAN-4 Off Green Port has not established any network connection. A port has established a valid 10/100Mbps network connection. Green (Blinking) 10/100Mbps traffic is traversing the port. WLAN Off Green The Wireless is not ready. The Wireless Hotspot Gateway has established a valid wireless connection. Green (Blinking) The Wireless connection is active. 1-4-2 Rear Panel The rear panel of the Wireless Hotspot Gateway is shown below. Figure 1-4 Wireless Hotspot Gateway Rear Panel 11 SMCWHS14-G 1. RS-232: Reserve for manufacture use.

2. LAN (1-4): The rear panel supports four auto-sensing RJ-45 ports and all ports can be auto-switched to MDI-II connections. The LAN ports used for linking hosts or other network devices. The individual port can be either connected to 100BaseTX networks or 10BaseT networks. When connecting to a 100BaseTX network, the ports operate at 100Mbps in half-duplex mode or 200Mbps in full-duplex mode. When connecting to a 10BaseT network, the ports operate at 10Mbps in half-duplex mode or 20Mbps in full-duplex mode. 3. WAN: One Ethernet port used for linking xDSL or Cable Modem. 4. Reset Button: The Wireless Hotspot Gateway has a reset button at the rear panel of the device.

Use this function to reset the system back to factory defaults. 5. Power Jack: Used to connect the external power supply with the Wireless Hotspot Gateway. 1-5 Technical Specifications 1-5-1 Hardware Specifications Network Specification IEEE802.3 10BaseT Ethernet IEEE802.3u 100BaseTX Fast Ethernet IEEE802.11g Wireless LAN IEEE802.3af Power over Ethernet ANSI/IEEE 802.3 NWay auto-negotiation Wi-Fi Compatible Connectors One Printer Port (1 DB9 DTE male connector for Account Generator Printer) Four LAN Ports (10BaseT/100BaseTX Auto cross-over) One WAN Port (10BaseT/100BaseTX Auto cross-over) Encryption WEP (Wired Equivalent Privacy) 64/128-bit RC4 WPA (Wi-Fi Protected Access) External Antenna Type 2dBi (Max) Dual detachable diversity antenna with reverse SMA 12 SMCWHS14-G LED Indicators One POWER LED One WAN 10/100M Link/Activity LED Four LAN 10M/100M Link/Activity LEDs One Wireless Link/Activity LED One System LED Power Requirement External Power Adapter Input: 100-240 VAC, 50/60 Hz Output: 5V, 2A Environment Conditions Operating Temperature: 0 to 50°C Storage Temperature: -10 to 60°C Operating Humidity: 10~80% non-condensing Storage Humidity: 10% to 90% non-condensing Certifications FCC part 15 Class B, CE, CSA, VCCI Class B, CE / R&TTE, C-Tick Dimension Size: 242 (L) x 130.5 (W) x 77 (H) mm Weight: About 420g (Net) Mounting Desktop, Wall mounted 13 SMCWHS14-G 1-5-2 Software Specifications Networking . . . . . IEEE802.

3 10BaseT Ethernet IEEE802.3u 100BaseTX Fast Ethernet IEEE802.3af Power over Ethernet IEEE802.11b Wireless LAN IEEE802.11g Wireless LAN Supports 100 Simultaneous Users IP Plug and Play (iPnP) HTTP Proxy Support SMTP Server Redirection DHCP Server DHCP Relay Static IP WAN Client DHCP WAN Client PPPoE WAN Client PPTP WAN Client NAT NTP (Network Time Protocol) Support DDNS Marketing Cooperation Advertisement URL link Walled garden Customizable log-on and log-off pages Portal Page WISPr Smart Client User Accounting and Authentication . . . . . Built-in Authentication Web-based Authentication RADIUS AAA Support (RFC 2865, 2866) Secondary RADIUS User Authentication and Accounting Logout Window Timer Control 14 SMCWHS14-G Security and Firewall . . . . . Layer 2 Isolation Security SSL User Login page/ Configuration Page SSL Administration VPN Pass through (IPSec/PPTP) Customize SSL Certificate Pass Through IP/MAC/URL Address Restricted Destination Filtering IP/URL VPN (IPSec/PPTP) Pass through PPTP VPN Client WEP WPA Management Web-based Management Tool Firmware Upgrade via HTTP/TFTP Wizard setup for step-by-step Configuration Backup/Restore/Factory Default Setting Remote Authorized Management Real-time Session List LAN Device Management Syslog (System/Subscriber/LAN device) E-mail logs SNMP v1/v2 (MIB II, Private MIB) System Information Table Status Report (Daily/Monthly/System/Network) SSL certificate upload Extra Function with optional AG-200E Local Authentication Local Accounting Local Billing AG-200E Account Generator (Thermal Printer) Interface: Ethernet Print Width: 48mm (Paper width: 58mm) Paper Length: 50 M 15 SMCWHS14-G 2.

Installation The followings are instructions for setting up the Wireless Hotspot Gateway. Refer to the illustration and follow the simple steps below to quickly install your Wireless Hotspot Gateway. 2-1 Wall-Mounting The Wireless Hotspot Gateway can be wall-mounted on a wall by applying the two mounting brackets on screws. Figure 2-1 Wall-Mounting Bracket - Bottom of Wireless Hotspot Gateway Please refer to the following instructions for mounting a Wireless Hotspot Gateway on a wall or other surface. 1.

Install two screws on a wall according to the relative positions shown below. Figure 2-2 2. Hang Wireless Hotspot Gateway on the wall by sliding the two screws in the mounting brackets. 2-1.1 Bracket-Mounting 1. Attach the brackets to the device using the screws provided in the mounting kits. 16 SMCWHS14-G 2. Mount the device in the rack, using three rack-mountings screws. Note: If the screws are not properly anchored, the strain of the cables connected to the Wireless Hotspot Gateway rear panel connectors could pull out the Wireless Hotspot Gateway from the wall.



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## 2-2 Connecting the Antennas The Wireless Hotspot Gateway provides two antenna connectors on the rear of the unit.

**2-3 Installation Requirements** Before installing the Wireless Hotspot Gateway, make sure your network meets the following requirements. System Requirements The Wireless Hotspot Gateway requires one of the following types of software: Windows 98 Second Edition/NT/2000/XP Red Hat Linux 7.3 or later version MAC OS X 10.2.4 or later version Any TCP/IP-enabled systems like Mac OS and UNIX (TCP/IP protocol installed) Standard phone line for xDSL modem Or Coaxial cable for Cable modem Web Browser Software (Microsoft I.E 5.0 or later version or Netscape Navigator 5.0 or later version) One computer with an installed 10Mbps, 100Mbps or 10/100Mbps Ethernet card UTP network Cable with a RJ-45 connection (Package contents) Note: Prepare twisted-pair cables with RJ-45 plugs. Use Cat.5 cable for all connections.

Make sure each cable not exceed 328 feet (Approximately 100 meters). 17 SMCWHS14-G ISP Requirements Verify whether your ISP use fixed or dynamic IP. If it is a fixed IP, be sure to get the IP from your ISP. For dynamic IP, which is mostly used, the PC will get the IP automatically whenever it hooks up on the modem. Dynamic IP Dynamic IP Setting Fixed IP Your fixed IP address for the Wireless Hotspot Gateway Your subnet mask for the Wireless Hotspot Gateway Your default gateway IP address Your DNS IP address PPPoE Your user name from your ISP Your password from your ISP PPTP PPTP Server IP Address from your ISP PPTP Local IP address from your ISP.

PPTP Local IP subnet mask from your ISP. Your user name from your ISP Your password from your ISP Your PC Requirements The Static IP settings for the PC Your PC's fixed IP address Your PC's subnet mask Your PC's default gateway IP address Your PC's primary DNS IP address Note: 1. The gateway's default IP address setting is "192.168.2.

1". 2. The gateway's default subnet mask setting is "255.255.0.0". The Dynamic IP settings for the PC We recommend that you leave your IP settings as automatically assigned. By default, the Wireless Hotspot Gateway is a DHCP server, and it will give your PC the necessary IP settings. 18 SMCWHS14-G 2-4 Getting Start 1. Place the Wireless Hotspot Gateway and AG-200E Printer on a flat work surface.

2. Connect the Ethernet cable to the Wireless Hotspot Gateway's LAN port. 3. Connect the other end of the Ethernet cable to the AG-200E Account Generator Printer's RJ45 port. 4. Ensure that your modem and computer are both switched on. 5. Use the supplied cable to connect the Wireless Hotspot Gateway's WAN port to the modem. Check that the Cable/xDSL Status LED lights. 6.

Connect your computer to one of the 10/100 LAN ports on the Wireless Hotspot Gateway. Check that the LAN Port Status LED lights. 7. Configure the further parameters via a Web browser. Figure 2-4 Wireless Hotspot Gateway Connection 19 SMCWHS14-G 2-2 POE (Power over Ethernet) Application Figure 2-6 POE Connection Note: To use the SMCWHS14-G's POE feature, follow the instructions for your specific POE device.

20 SMCWHS14-G 3. Configuring the Wireless Hotspot Gateway 3-1 Setting Wizard location box. Press Enter. Step 1: Start your browser, and then enter the factory default IP address 192.168.

2.1 in your browser's Figure 3-1 Web Browser Location Field (Factory Default) Step 2: The Wireless Hotspot Gateway configuration tools menu will appear.

In the Username and Password field, type the factory default user name admin and password smcadmin and click Login. If you are first time setting the system, the wizard setup screen will appear. You will be guided, step-by-step, through a basic setup procedure. Username: admin Password: smcadmin Figure 3-2 Configuration Tools Menu Figure 3-3 Wizard Setup Screen 21 SMCWHS14-G Figure 3-4 System Quick View Click on reset button to clear the username and password data. Note: This Web agent is best viewed with IE 5.0 or Netscape 6.0 and above browsers. If you would like to change the password please see Step 10.

Username and Password can consist of up to 20 alphanumeric characters and are case sensitive. If for some reason your password is lost or you cannot gain access to the Wireless Hotspot Gateway Configuration Program, please press the reset button to load the device to manufacturer defaults. If the Wireless Hotspot Gateway doesn't send packet in 5 minutes (default), the Wireless Hotspot Gateway wills logout automatically. Proxy needs to set disable first when administrator accesses admin UI. 22 SMCWHS14-G Step 3: Internet Connection Setting Select the appropriate Internet connection type to connect to your ISP. Figure 3-5 Internet Connection Setting Screen DHCP Client The device can work as a DHCP client. This allows the device to obtain the IP address and other TCP/IP settings from your ISP. If your xDSL/Cable comes with this feature, please enable Use DHCP Client. Figure 3-6 Internet Connection Setting Screen--DHCP Client Setting 23 SMCWHS14-G Static IP Setting If Static IP Setting is selected, then this screen will appear. Enter the IP address information provided by your ISP.

Figure 3-7 Internet Connection Setting Screen--Static IP Setting Item IP Address Subnet Mask Gateway IP Address Primary DNS Server Secondary DNS Server Empty Empty Enter the primary DNS server IP address for the xDSL/Cable connection (provided by your ISP). Enter the secondary DNS server IP address for the xDSL/Cable connection (provided by your ISP). If the primary DNS Server IP were not available, meanwhile, Secondary DNS Server IP would start in the same time. Default 0.0. 0.0 0.0.0.0 0.

0.0.0 Description Enter the IP address provided by your ISP. Enter the subnet mask for the IP address. Enter the Gateway IP Address provided by your ISP. 24 SMCWHS14-G PPPoE (Point-to-Point Protocol over Ethernet) If "PPPoE" is selected, then this screen will appear. Enter the username, password and other major fields. Figure 3-8 Internet Connection Setting Screen--PPPoE Setting Item Username Default Empty Description Enter the user name provided by your ISP. The user name can consist of up to 80 alphanumeric characters and is case sensitive. Enter the user password provided by your ISP.

The password can consist of up to 80 alphanumeric characters and is case sensitive. MTU (Maximum Transfer Unit) specifies maximum transmission unit size. MSS (Maximum Segment Size) specifies maximum segment size. Enter the service name provided by your ISP. The service name can consist of up to 64 alphanumeric characters and is case sensitive. Password Empty PPP MTU Setting TCP MSS Setting Service Name 1492 1452 Empty 25 SMCWHS14-G Item Default Description Connect on Demand and Max Idle Time Connect on Demand Enable You can configure your Wireless Hotspot Gateway to cut your connection with your ISP after a specified period of time (Max Idle Time).



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If you have been disconnected due to inactivity, Connect on Demand enables your Wireless Hotspot Gateway to automatically 10 Minutes re-establish your connection as soon as you attempt to access the Internet again. If you wish to activate Connect on Demand, click the radio button. If you want your Internet connection to remain, click the radio button of keep alive. The Max Idle Time maximum value is 65535 minutes.

Keep alive and Redial Period Keep alive Redial Period Disable 30 This option keeps your PPPoE enabled Internet access connected indefinitely, even when it sits idle. The Redial Period maximum value is Max Idle Time Seconds 65535 seconds. 26 SMCWHS14-G PPTP Client (Point-to-Point Tunneling Protocol) If "PPTP" is selected, then this screen will appear. Fill out all the information provided by your ISP. Figure 3-9 Internet Connection Setting Screen--PPTP Client Setting Item My IP Address My Subnet Mask Default Empty Empty Description Enter the PPTP local IP address provided by your ISP. Enter the PPTP local Subnet Mask IP address for the IP address (My IP Address). 27 SMCWHS14-G Item Gateway IP Address Default Empty Description Enter the PPTP server Gateway IP address provided by your ISP. Enter the PPTP server IP address provided by your ISP. Enter the user name provided by your ISP. The user name PPTP Server IP Address Empty Username Empty can consist of up to 80 alphanumeric characters and is case sensitive. Password Empty Enter the user password provided by your ISP. The password can consist of up to 80 alphanumeric characters and is case sensitive. PPP MTU Setting 1460 MTU (Maximum Transfer Unit) specifies maximum transmission unit size. MSS (Maximum Segment Size) specifies maximum segment size. Enter the connection ID or connection name. The connection TCP MSS Setting 1400 Connection ID/Name Empty ID/Name can consist of up to 81 alphanumeric characters and is case sensitive. Connect on Demand and Max Idle Time Connect on Demand Enable You can configure your Wireless Hotspot Gateway to cut your connection with your ISP after a specified period of time (Max Idle Time). If you have been disconnected due to inactivity, Connect on Demand enables your Wireless Hotspot Max Idle Time Gateway to automatically re-establish your 10 Minutes connection as soon as you attempt to access the Internet again. If you wish to activate Connect on Demand, click the radio button. If you want your Internet connection to remain, click the radio button of keep alive.

The Max Idle Time maximum value is 65535 minutes. Keep alive and Redial Period Keep alive Redial Period Disable This option keeps your PPTP enabled Internet access connected indefinitely, even when it sits idle. The Redial 30 Seconds Period maximum value is 65535 seconds. 28 SMCWHS14-G Step 4: Wireless Setting This page allows you to define ESSID, Channel ID and WEP/WPA encryption for wireless connection. Figure 3-10 Wireless Setting Screen Item ESSID Default Description Wireless The ESSID is the unique name that is shared among all points in a wireless network. It is case sensitive and must not exceed 32 characters. Channel 6 Enter the channel ID for wireless connection. 29 SMCWHS14-G Step 5: E-mail Server Setting Wireless Hotspot Gateway allows an extra Email server parameter to forward the subscriber's E-mail. Figure 3-11 E-mail Service Setting Screen Item Email Server Redirect Default No Description Disables or enables email server redirect function. To prevent some subscriber's original Email server may protect by firewall or NAT network.

Wireless Hotspot Gateway provides an extra Email server parameter to forward the subscriber's Email. The Wireless Hotspot Gateway not only forwards the subscribers' E-mail via other E-mail server but also changes the SMTP header. The recipient of your E-mail sees the message as if you sent it from your local Internet Service Provide, not form the hotel or other place. Email Server's IP address or Domain name Empty Before setting this field, please make sure the E-mail sever relay function is opened. Enter the email server IP address or domain name.

The field must not exceed 50 characters. SMTP Port 25 Enter the SMTP port. The SMTP port allowed range is 25 or 2500 to 2599. 30 SMCWHS14-G Step 6: Authentication Service Setting Figure 3-12 Authentication Service Setting Screen Item Built-in Authentication/ No Authentication No No Authentication) Default Yes Wireless Hotspot Gateway provides Built-in Description Authentication for service provider to build up an Internet service without any extra authentication software. If Yes is selected, service provider can generate the subscriber account inside Wireless Hotspot Gateway, and the system will authenticate the subscriber login according to the generated account.

No Subscriber can direct access the Internet without enter username and password. 31 SMCWHS14-G Step 7: Billing Profile Setting The function is used to setup a billing profile. A billing profile is a description of how you want to charge your customer. Figure 3-13 Billing Profile Setting Screen Item Service Default Description Time to Finish The subscriber can access Internet only one time with one account. @@Accumulation The subscriber can access Internet many times with one account. The system can keep and accumulate every single usage time until the pre-defined usage time run out. 32 Time to Finish Options: Time to Finish or Accumulation. SMCWHS14-G Item Currency Number of decimals places No Default \$ 2 Description Enter the appropriate currency unit or currency symbol. Enter the billing decimal value. The field maximum value is 3.

01~03 The index number of billing profile. In Wizard setup, we provide only 3 billing profile. Name 30 minutes/ 1 hour/ 2 hours It is the name of billing profile. The maximum allowed characters length is 12. Usage Time 30 minutes/ 1 hour/ 2 hours The duration of the billing period. When this period expires, user account will be discontinued. Charge 1.00/2.00/3.00 Enter the amount of Internet service.

The amount maximum value is 999999. Step 8: Account Generator Printer Setting There are two different choices, one is exclusive printer (Account Generator Printer), and the other is non-exclusive printer. Exclusive printer is a portable thermal printer that is integrated with Wireless Hotspot Gateway to press one button to generate accounts and receipt immediately without PC operating. Non-exclusive printer can use the PC Web-based browser to print out user account. Figure 3-14 Printer Setting Screen 33 SMCWHS14-G Button B Button A Button C Figure 3-15 Account Generator Printer Step 9: Accounting Setting Three-buttons Printer Setting Figure 3-16 Accounting Setting Screen (Three Buttons Printer) 34 SMCWHS14-G No Name Charge Usage Time Figure 3-17 Billing Profile Setting Screen Item Button A~ C Printout Number of copies to print 1 The system allows you to print all your bills.



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This value is number of copies. Default 01 Description Define each button's billing profile. Select one billing profile by clicking in the list box. This function allows you to produce custom bill based on your requirements. Click "I want to setup the web-based accounting now if exclusive printer cannot work" to open the "Web-based Account Generator Setting" screen to start the web-based accounting function.

35 SMCWHS14-G Web-based Account Generator Setting Figure 3-18 Web-based Account Generator Setting Screen Item Billing Profile (Button A~C) Printout Number of copies to print 1 The system allows you to print all your bills. Select one number of copies by clicking in the list box. This function allows you to produce custom bill based on your requirements. Web-based Account Username account Enter the user name for web-based account generator. The user name can consist of up to 80 alphanumeric characters and is case sensitive. 36 Default Description Define each button's billing profile. Select one billing profile by clicking in the list box. SMCWHS14-G Item Password Default account Description Enter the password for web-based account generator. The password can consist of up to 80 alphanumeric characters and is case sensitive. Confirm Empty Enter the password for confirmation.

Click on button to preview and operate account generator panel. Button A Button B Button C Figure 3-19 Account Generator Panel Click on button to create a new account. 37 SMCWHS14-G Figure 3-20 Example-Account Printout c 38 SMCWHS14-G M Click "View Account List" to display current account information. Figure 3-21 Account List Click on refresh button to update the account list page. The field name button in this list show that this list can be sorted in ascending/descending order according to the corresponding field name. Select the check boxes and click 'Delete' to delete accounts. Delete all accounts in account list. Note: This page will refresh automatically every 5 minutes. 39 SMCWHS14-G Customize Printout Text This function allows you to produce custom bill based on your requirements. Figure 3-22 Customize Printout Text Setting Screen Click the button to displays the account on the screen as it would appear when printed.

40 SMCWHS14-G Figure 3-23 Example- PC-connected printer Printout (Time to Finish) Figure 3-24 Example- PC-connected printer Printout (Accumulation) 41 SMCWHS14-G Figure 3-25 Example- Account Generator Printer Printout (Time to Finish) 42 Figure 3-26 Example- Account Generator Printer Printout (Accumulation) SMCWHS14-G Figure 3-27 Example-Post-paid Printout 43 SMCWHS14-G Step 10: System Setting Figure 3-28 System Setting Screen Item User name Default admin Description Enter the user n name. The user name can consist of up to 80 alphanumeric characters and is case sensitive. Password admin Enter the user p password. The p password can consist of up to 80 alphanumeric characters and is case sensitive. and Confirm System date and time Empty YYYY/MM/DD HH:MM:SS Enter the password of administrator for confirmation.

Click Get from my Computer button to correct the system date and time. Secure Administrator IP All remote Addresses This function allows remote user to management the device. You can specify one or any IP addresses for remote control system. the Click the b button to save the settings then the system will restart. 44 SMCWHS14-G 3-2 Advanced Setup The Advanced Setting enables you to configure advanced settings related to accessing the Internet, including, 1.

2. 3. 4. 5. 6. 7. 8. 9. System WAN/LAN Server Authentication RADIUS Billing Accounting Credit Card Keypad 10. Customization 11.

Pass Through 12. Filtering 13. Share 14. Portal Page 15. Advertisement 16. Walled Garden 17. DDNS 18. LAN Devices 19. Syslog 20. Session Trace 21. Bandwidth 22. Secure Remote 23. SNMP 24. Wireless 25. Account Generator Figure 3-29 Advanced Setting Item Screen Note: After change the settings of device, please click apply button to save the new settings.

45 SMCWHS14-G 3-2-1 System Define the Wireless Hotspot Gateway System configuration. Figure 3-30 System Setting Screen 46 SMCWHS14-G Figure 3-31 System Setting Screen Item System/Host Name Default Empty The system Description name can consist of up to 40 alphanumeric characters. The Domain name can consist of up to 80 Domain Name Location Information Date/Time Date (Year/Month/Day) Empty Empty alphanumeric characters. Enter your location information. System Date System Time - The system date of the Wireless Hotspot Gateway.

The valid setting of year is from 2002 to 2035. The system time of the Wireless Hotspot Gateway. Click "Get from my Computer" button to correct the system date and time. Click "Get from NTP server" button to correct the system date and time. Time (Hour:Minute:Second) - 47 SMCWHS14-G Item Default Description Enables or disables NTP (Network Time Protocol) Time Server. Network Time Protocol can be utilized to NTP Setting Disable synchronize the time on devices across a network. A NTP Time Server is utilized to obtain the correct time from a time source and adjust the local time. Server IP/Domain Name Time Zone Update Time Empty Enter the IP address/domain name of NTP server. The maximum allowed characters length is 100. GMT-12:00 Select the appropriate time zone for your location.

0 hours Disable Enter the number of hours for update time. Enables or disables Daylight Saving Time (DST). Set the Daylight Saving Time (DST) on the Wireless Hotspot Gateway. Adjust the begin time and end time. Daylight Saving Time Month/Day NAT (Network Address Translation) NAT Enable Enables or disables NAT Address Translation function. Enables or disables user session limit function. This User Session Limited Enable,30 feature provides you an ability to control a number of sessions allowed for particular user(s) at the one time. IP Plug and Play (iPnP Technology) Enables or disables plug & play function. When Enable enabled, the user needn't change their network configuration to access the Internet. If enable plug and play is selected, you can enable Layer 2 Isolation Security Enable Layer 2 Isolation Security function.

When the "Layer 2 Isolation Security" enabled, everyone cannot communicate with each other. Secure administrator IP Addresses Options: Any and Specify. Administrator can specify 5 Any IP addresses or a range to allow remote control access from network. Disable This function allows for multiple transmissions to specific recipients at same time. This function allows remote user to ping the Wireless Allow remote user to ping the device Enable Hotspot Gateway through Internet.

Ping is normally used to test the physical connection between two devices, to ensure that everything is working correctly.



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Multicast Pass Through 48 SMCWHS14-G Item Default Description Option: default or customize certificate, These are two ways to create a certificate, one is purchase a SSL Certificate Default certificate from a certificate authority (Ex. Verisign or Thawte), and another is creating a self-certificate (For example: Uses OpenSSL tool). Click Apply button to save the new settings. Click Apply button, then Restart dialog box will appear.

Click Apply to restart the system. Figure 3-32 Restart Dialog Box 3-2-2 WAN/LAN Figure 3-33 WAN/LAN Setting Screen Click Apply button to save the new settings. Click Apply button, then Restart dialog box will appear. Click Apply to restart the system. 49 SMCWHS14-G Figure 3-34 Restart Dialog Box Device IP (LAN IP) Setting Figure 3-35 Device IP (LAN IP) Setting Item IP Address Default Description 192.168.2.1 The internal LAN IP address of your Wireless Subscriber Server Gateway. Subnet Mask 255.0.

0.0 Enter the subnet mask for the IP address. WAN MAC Address Figure 3-36 WAN MAC Address Setting Item IP Address Description The default MAC address is set to the WAN physical interface on device. WAN Port Mode Figure 3-37 WAN Port Mode Setting 50 SMCWHS14-G DHCP Client The device can work as a DHCP client. This allows the device to obtain the IP address and other TCP/IP settings from your ISP. If your xDSL/Cable comes with this feature, please enable Use DHCP Client. Figure 3-38 DHCP Client Setting Screen Static IP Figure 3-39 Static IP Setting Screen Item IP Address Description Enter the IP address for the xDSL/Cable connection (provided by your ISP). Subnet Mask Gateway IP Gateway Enter the subnet mask for the IP address. Enter the Gateway IP address for the xDSL/Cable connection (provided by your ISP). Primary DNS Server A primary DNS server IP address for the xDSL/Cable connection (provided by your ISP).

Secondary DNS Server A secondary DNS server IP address for the xDSL/Cable connection (provided by your ISP). If the primary DNS Server IP were not available, meanwhile, Secondary DNS Server IP would start in the same time. 51 SMCWHS14-G PPPoE Figure 3-40 PPPoE Setting Screen Item User Name Default Empty Description Enter your PPPoE account name. The user name can consist of up to 80 alphanumeric characters and is case sensitive. Password Empty Enter your PPPoE password.

The password can consist of up to 80 alphanumeric characters and is case sensitive. PPP MTU Setting 1492 MTU (Maximum Transfer Unit) specifies maximum transmission unit size. TCP MSS Setting 1452 MSS (Maximum Segment Size) specifies maximum segment size. 52 SMCWHS14-G Item Service Name Default Empty Description Enter the service name provided by your ISP. The service name can consist of up to 64 alphanumeric characters and is case sensitive.

Connect on Demand and Max Idle Time Connect on Demand Enable Max Idle Time 10 Minutes You can configure your Wireless Hotspot Gateway to cut your connection with your ISP after a specified period of time (Max Idle Time). If you have been disconnected due to inactivity, Connect on Demand enables your Wireless Hotspot Gateway to automatically re-establish your connection as soon as you attempt to access the Internet again. If you wish to activate Connect on Demand, click the radio button. If you want your Internet connection to remain, click the radio button of keep alive. The Max Idle Time maximum value is 65535 minutes. Keep alive and Redial Period Keep alive Redial Period Disable This option keeps your PPPoE enabled Internet access 30 Seconds connected indefinitely, even when it sits idle. The Redial Period maximum value is 65535 seconds. 53 SMCWHS14-G PPTP Figure 3-41 PPTP Setting Screen Item My IP Address Default Empty Description A PPTP local IP address for the xDSL/Cable connection (provided by your ISP). My Subnet Mask Empty Enter the PPTP local IP address for the xDSL/Cable connection. Gateway IP Address Empty A PPTP local default gateway for the xDSL/Cable connection (provided by your ISP).

PPTP Server IP Address Empty Enter the PPTP server IP address for the xDSL/Cable connection (provided by your ISP). Username Empty Enter your PPTP account name. The user name can consist of up to 80 alphanumeric characters and is case sensitive. 54 SMCWHS14-G Item Password Default Empty Description Enter your PPTP password. The password can consist of up to 80 alphanumeric characters and is case sensitive. PPP MTU Setting 1460 MTU (Maximum Transfer Unit) specifies maximum transmission unit size. TCP MSS Setting 1400 MSS (Maximum Segment Size) specifies maximum segment size. Connection ID/Name Empty Enter the connection ID or connection name. The connection ID/Name can consist of up to 81 alphanumeric characters and is case sensitive. Connect on Demand and Max Idle Time Connect on Demand Max Idle Time Enable 10 Minutes You can configure your Wireless Hotspot Gateway to cut your connection with your ISP after a specified period of time (Max Idle Time).

If you have been disconnected due to inactivity, Connect on Demand enables your Wireless Hotspot Gateway to automatically re-establish your connection as soon as you attempt to access the Internet again. If you wish to activate Connect on Demand, click the radio button. If you want your Internet connection to remain, click the radio button of keep alive. The Max Idle Time maximum value is 65535 minutes. Keep alive and Redial Period Keep alive Redial Period Disable 30 Seconds This option keeps your PPTP enabled Internet access connected indefinitely, even when it sits idle.

The Redial Period maximum value is 65535 seconds. 55 SMCWHS14-G 3-2-3 Server Figure 3-42 Server Setting Screen Item Web Server Enter the HTTP port number. The HTTP port allowed HTTP Port 80 range is 80 or 8010 to 8060. For access the Wireless Hotspot Gateway system under NAT, please tab the "http://HTTP Port IP Address: Port Number". Enter the HTTPS port number.

The HTTPS port allowed HTTPS Port 443 range is 443 or 4430 to 4440. For access the Wireless Hotspot Gateway system, please tab the "https://HTTPS Port IP Address: Port Number". The idle time out valid range is 1-1440. If the idle time out Administrator Idle-Timeout 5 Minutes is set as 5 minutes, it means if the administrator doesn't send packet in 5 minutes, the administrator will logout automatically. Default Description 56 SMCWHS14-G Item Default Description There are three types of DHCP Services. DHCP Server Enable DHCP Disable--Disable the DHCP server function. DHCP Relay--Enable DHCP Relay function. DHCP Server--Enable DHCP server function. DHCP Relay DHCP Server IP Address DHCP Server DHCP Pool Starting Address Pool Size Lease Time Primary DNS Server Secondary DNS Server Email Server Redirect To route DHCP through an external server, the administrator needs to enable the DHCP relay and assign a valid DHCP server IP address.



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Empty Enter the IP address of DHCP server.

The Wireless Hotspot Gateway's DHCP server is turned on and running by default when you install it in your network. 192.168.2.2 Enter the DHCP Pool Starting IP address. 253 300 Minutes The DHCP pool size range is 1 to 512. The DHCP lease time. The DHCP lease time range is 1 to 71582788 minutes. 168.95.

1.1 Enter the IP address of the network's primary DNS server. Empty Enter the IP address of a second DNS server on the network. To prevent some subscriber's original Email server may protect by firewall or NAT network. Wireless Hotspot Gateway provides an extra Email server parameter to forward the subscriber's Email.

The Wireless Hotspot Gateway not only forwards the subscribers' E-mail via other E-mail server but also changes the SMTP header. The recipient of your E-mail sees the message as if you sent it from your local Internet Service Provide, not form the hotel or other place. Note: Before setting this sever, please make sure the e-mail sever relay function is opened. It must not exceed 50 characters. IP Address or Domain Name SMTP Port Empty Enter the E-mail server IP address or domain name.

25 Enter the SMTP port number for mail server. The SMTP port allowed range is 25 or 2500 to 2599. Click Apply button to save the new settings. 57 SMCWHS14-G 3-2-4 Authentication Figure 3-43 Authentication Setting Screen Item Authentication Type No Authentication Default Description Option: No Authentication, Built-in Authentication or User Agreement. No Authentication Subscriber can direct access the Internet without enter username and password. 58 SMCWHS14-G Item Authentication Type No Default Description Built-in Authentication Wireless Hotspot Gateway provides "Built-in Authentication Authentication" for service provider to build up an Internet service without any extra authentication software. If "Built-in Authentication" is selected, service provider can generate the subscriber account inside Wireless Hotspot Gateway, and the system will authenticate the subscriber login according to the generated account. User Agreement Subscriber must accept the service usage agreement before they can access the Internet. WIFICOM Wireless Hotspot Gateway provides this Authentication for WIFICOM service provider to build up an Internet service with RADIUS server. For the detail setup, please contact WiFicom.

(<http://www.wificom.com>) Wandering Wi-Fi Wireless Hotspot Gateway provides this Authentication for Wandering Wi-Fi service provider to build up an Internet service with RADIUS server. For the detail setup, please contact Wandering Wi-Fi. (<http://wanderingwifi.com>) Current User Information Backup 1 Min(s) The system provides automatically backup account information and unused account to flash ROM. This function allow administrator to adjust the backup time. The default value is 1 minute. The Current User Information Backup valid range is 1 to 1440. @@The maximum character of the URL Link is 200.

@@The allowed numbers are from 0 to 65535. @@@The allowed numbers are from 0 to 65535. @@Up to 64 characters are allowed. @@@@The login mode information for the IPASS GIS connection. @@@@dollars).

For details, see section 3-2-8 Credit Service. @@@@66 SMCWHS14-G Item Accumulation Accumulation Default Description Disable The subscriber can access Internet many times with one account. The system can keep and accumulate every single usage time until the pre-defined usage time run out. Idle Time Out 5 Min(s) The idle time out valid range is 1-1440. If the idle time out is set as 5 minutes, it means if the account doesn't send packet in 5 minutes, the account will logout automatically.

Accumulation login Time to Finish login A logout B Time Bar login logout login logout Time Bar A finish Usage time= A C Usage time= A+B+C Figure 3-50 Accumulation and Time to Finish Item Post-Paid Default Disable Description The subscribers can access Internet without pre-defined usage time. This can be operated with an optional external PS/2 keypad that is connected with exclusive printer. The printout An will account only can show also to the be username/password. terminated with the optional keypad. Idle Time Out 5 Min(s) The idle time out valid range is 1-1440. If the idle time out is set as 5 minutes, it means if the account doesn't send packet in 5 minutes, the account will logout automatically. Billing Profile Currency \$ Enter the appropriate currency unit or currency symbol. Enter the number. The field maximum value is 3. This check box is used to indicate the taxable status of the account.

5% Enter the tax rate (i.e. a 5% sales tax is entered as 5). 67 Number of decimals places 2 Tax Percentage Disable SMCWHS14-G Item No. Default +1~+10 Description The index number of billing profile. In Advanced setup, we provide 10 billing profile. Active Name - Click on check box, active or inactive the billing profile. It is the name of billing profile. The maximum allowed characters length is 12. Account Usage time - The duration of the billing period.

When this period expires, user account will be discontinued. Charge - Enter the unit rate amount (i.e. 35.00) that most of your accounts are charged for one day of service.

Figure 3-51 Pre-paid Procedure Diagram 68 SMCWHS14-G Figure 3-52 Post-paid Procedure Diagram Click Apply button to save the new settings. Click Apply button, the success dialog box appears. Click on Back to return to Billing setting screen. Figure 3-53 Success Dialog Box 69 SMCWHS14-G 3-2-7 Accounting This function allow service provider to generate the subscriber accounts. Figure 3-54 Accounting Setting Screen 70 SMCWHS14-G Figure 3-55 Item Expiration Un-used account will be deleted after ~hours automatically Accumulation account will be deleted after logged in ~ Printout Number of copies to print 1 The system allows you to print all your bills.

Select one number of copies by clicking in the list box. Can be replenished by subscriber Enable Click the check box to enable the replenish function. 3 months Enter the number and select time unit from list box. The field maximum value is 30 month/ days/ hours. 12 hours Enter the number of hours/minutes/days. The field maximum value is 30 hours/minutes/days. Default Description 71 SMCWHS14-G Figure 3-56 Account Process Diagram Can be replenished by subscriber=Enable Three-Button Printer/ Web-based Account Generator Panel Figure 3-57 Three-Button Printer/ Web-based Account Generator Panel Setting Screen Item Button A~C Default Description Define each button's billing profile. Select one billing profile by clicking in the list box. Print to..

. Account Generator Printer 72 Select a printer to print out your account. SMCWHS14-G Item Use ~ for Discount Price Plan based on "Button Presses" Default Button A, Disable Description Select one button (A~C) by clicking in the list box to assign the base charge and select enable to active the discount price plan.



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Click on button to preview and operate account generator panel. Figure 3-58 Account Generator Panel Figure 3-59 Web-based Account Generator Printout (Time to Finish) 73 SMCWHS14-G Figure 3-60 PC-connected Printer Printout (Time to Finish) 74 SMCWHS14-G Figure 3-61 Web-based Account Generator Printout (Accumulation) 75 SMCWHS14-G Figure 3-62 PC-connected Printer Printout (Accumulation) Note: Before configuring the accounting, you have to setting the billing profile of Web-based account generator panel. 76 SMCWHS14-G Example: If press 7 times Discount Price Plan based on "Button Presses" is disabled. Figure 3-63 Example 1 Amount:  $7 \times \$2.00 = \$14.00$  Figure 3-64 Account Printout 77 SMCWHS14-G Discount Price Plan based on "Button Presses" is enabled. The Charge by level is disabled.

Figure 3-65 Example 2 Amount:  $7 \times \$1 = \$7.00$  78 SMCWHS14-G Below is an example of the account printout. Figure 3-66 Account Printout 79 SMCWHS14-G Discount Price Plan based on "Button Presses" is enabled. Charge by level is enabled. Figure 3-67 Example 3 Amount:  $2 \times \$2.00 + 4 \times \$1.50 + 1 \times \$1 = \$11.00$  80 SMCWHS14-G Below is an example of the account printout. Figure 3-68 Account Printout 81 SMCWHS14-G Discount Price Plan based on "Button Presses" Figure 3-69 Discount Price Plan Setting Screen Item Charge by levels Level Conditions Button Presses Unit Price Default Enable 1~10 When>= Description Enables or disables the charge by levels function. This field displays the level number of charge rate. The discount condition. Enter the times of pressing button. Enter the amount of charge level. Click Apply button to save the new settings. Click Apply button, the success dialog box appears. Click on Back to return to Accounting setting screen. 82 SMCWHS14-G Figure 3-70 Success Dialog Box 83 SMCWHS14-G 3-2-8 Credit Card Wireless Hotspot Gateway provides three credit card services (Authorize.net, iValidate.net, Secure Pay and Paypal) that allow service provider to authorize, process, and manage credit transactions directly from Internet. Figure 3-71 Credit Card Setting Screen Item Authorize.

net Version Merchant ID 3.1 Empty This field displays the merchant version. Enter your Merchant ID. This is a Merchant Identification Number that you're received from your Merchant Provider. The maximum character of the Merchant ID is 50. Merchant Password This is a Merchant password that you're received from your Merchant Provider. Default Description 84 SMCWHS14-G Item Need Default Disable Description If your Merchant Provider need password to authorize, click the check box to enable this function. Password Merchant Transaction Key Empty Empty Enter your Merchant password. The Merchant Transaction Key can be obtained directly from "Authorize.net".

The Merchant Transaction Key is similar to a password and is used by the Payment Gateway to authenticate transactions. The maximum character of the Merchant Transaction Key is 50. Payment Gateway <https://secur> Enter the address of Payment Gateway. [e.authorize.net/gateway/transact.dll](https://secur) Email Additional Information Email Additional Information Merchant Name Enable/Disable Merchant Name The Email Additional Information included subscriber username and password would be sent to subscriber. Disable Indicates whether Email additional information should be sent to the subscriber (customer). Disable Indicates whether Merchant Name should be sent to the Email of subscriber. Empty Enter the merchant's company name.

The maximum allowed characters length is 40. Username and Password Disable Enable/Disable Usage Time Enable/Disable iValidate.net Merchant ID Empty Disable The Email Additional Information included subscriber username and password would be sent to subscriber. The Email Additional Information included subscriber usage time would be sent to the subscriber. Enter your Merchant ID. This is a Merchant Identification Number that you're received from your Merchant Provider. The maximum character of the Merchant ID is 20. Device ID Empty Enter your Device ID. This is a Device Identification Number that you're received from your Merchant Provider. The maximum character of the Device ID is 20.

85 SMCWHS14-G Item Secure Server Address Default Description <https://www.vious.net/merchant/process/esscc.asp> Secure Pay Merchant ID Empty Enter your Merchant ID. This is a Merchant Identification Number that you're received from your Merchant Provider. The maximum character of the Merchant ID is 7. Secure Pay Address <https://www.securepay.com.au/secur> epay/payments/process 2.asp Paypal Business Empty Enter your Merchant PayPal account. This is a Merchant Identification account that you're register on PayPal. The maximum character of the Business is 127.

Currency Code U.S. Dollar To Drop-down the list. It's includes Australia dollar(AUD), Canadian Dollar(CAD), Euro(EUR), Pound Sterling(GBP), Japanese Yen(JPY) and U.S.

Dollars (USD) Identity Token Empty Enter the Identities token form merchants profile in the Paypal site. The maximum character of the Identity Token is 160. Payment Gateway <https://www.paypal/cgi-bin> The maximum character of the payment gateway is 100. n/webscr Note Please leave the Administrator's Email address in Advanced/Syslog/Email portion. Credit Card icons to be displayed on the login page VISA Click on check box to display credit card icon on the login page. Click Apply button to save the new settings. Click Apply button, the success dialog box appears. Click on Back to return to Accounting setting screen.

86 SMCWHS14-G Figure 3-72 Success Dialog Box 87 SMCWHS14-G Please follow steps below to pay using credit card. Step 1: Choose Credit Card service on the login page. Select Credit Card Service Click Click Figure 3-73 Login Page 88 SMCWHS14-G Step 2: Select Service and enter payment information. Currency: American Dollars Figure 3-74 Service & Payment Information Setting Screen (Authorize.net) Item Payment Information Credit card number Credit card expiration date Empty Empty Enter your credit card number. Enter the credit card expiration date. The allowed format is MMY. Enter Email Address Empty Enter your email address. The system will e-mail you account information once your payment information has been successfully authorized. First Name, Last Name.

.... Empty Enter the customer information, including name, city, country and country.

Default Description 89 SMCWHS14-G Figure 3-75 Service & Payment Information Setting Screen (iValidate.net) Item Payment Information Credit card number Credit card expiration date Empty Empty Enter your credit card number. Enter the credit card expiration date.



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The allowed format is MMY. Enter Email Address Empty Enter your email address.

The system will e-mail your account information once your payment information has been successfully authorized. Billing Address ZIP code Empty Enter the ZIP code. Default Description 90 SMCWHS14-G Step 3: After valid payment information has been provided, the subscriber will obtain one valid account to login or the Figure 3-78 screen will appear. Figure 3-76 User Account Information Figure 3-77 91 SMCWHS14-G 3-2-9 Keypad Figure 3-78 Keypad Setting Screen 92 SMCWHS14-G Item Use for Pre-Paid Billing Default Description The system provides ten user definable hot keys through the use of the + Key plus the 1 through 0 keys across the top of the keypad. Keypad Hot Key Billing Profile Use for Post-Paid Billing Base on ~ Charge by levels Level (1~10) Time Range Unit Price Use for Pre-Paid Billing +1~+0 - It is the combination hot key for keypad application. Select the billing profile you want to assign to the combination hot key. Define the basic rate of accounts. Minutes Enable 1~10 0 Select the billing unit by clicking in the list box. Enables or disables the charge by levels function. This field displays the level number of charge rate.

Enter the number. Enter the amount of charge level. Please follow steps below to create accounts using keypad function. Step 1: Click the Billing in the Advanced Setup menu, select enable Pre-Paid, click Apply. Figure 3-79 Billing Setting Screen 93 SMCWHS14-G Step 2: Click the Keypad in Advanced Setup Menu, define the Billing plan of pre-paid, and click Apply. Figure 3-80 Keypad's Hot Key Setting Screen Step 3: You can use keypad to create subscriber accounts now. Press keypad hot key and then press Enter. A new subscriber account is generated, and the account information should be printed. Figure 3-81 94 SMCWHS14-G Step 4: Subscriber can use this account to access Internet now. Use for Post-Paid Billing Step 1: Click the Billing in the Advanced Setup menu, select enable Post-paid, click Apply.

Figure 3-82 Billing Setting Screen Step 2: Click the Keypad in Advanced Setup Menu, Define the billing plan of post-paid, click Apply. Figure 3-83 Keypad's Hot Key Setting Screen 95 SMCWHS14-G Step 3: You can use keypad to create subscriber accounts now. Press Enter, a new subscriber account is generated, and the account information should be printed. This account information is including serial number, username, password and account create time. Figure 3-84 Step 4: When subscriber wants to terminate the Internet service, press \*, serial number and then press Enter, a bill should be printed.

96 Figure 3-85 SMCWHS14-G Account Generator Printer PS/2 Keypad Enter the date (MonthDate) Figure 3-86 Keypad's Hot Key List Daily Account Report Printout Press ABCAA B: Billing Profile UN: Purchase Unit Figure 3-87 Daily Account 97 SMCWHS14-G thly Account Re eport Printout Mont Pre ABCBB ess B B: Billing Profile UN: Purchase Unit y Figure 3-88 Monthly Account Syst em Status Repo Printout ort Press ABCC P CC 98 Figure 3-8 System Status Report Printout 89 s t SM MCWHS14-G Netw ork Report Printout n Press AB BCAB e Figure 3-90 Network Report Printout 99 SMCWH HSG14-G 3-2-10 Customization Login Page The Wireless Hotspot Gateway provides three different login page formats, including standard, redirect, advanced and frame format. Standard For some service providers, they may hope to have a customize subscriber's login page to the users. This function helps them to realize the ideal. The page elements are including login page title, background color, subtitle etc. Figure 3-91 Standard Login Page Customization Setting Screen Item Logo Title Default Description Select the check box to display service provider's logo.

Welcome Enter the title name of subscriber login page. The maximum allowed characters length is 80. Subtitle Hot Spot Internet Service Enter the subtitle name of subscriber login page. The maximum allowed characters length is 80. Footnote Disable Allow the administrator to input the footnote such like "Pleas Contact to our Customer Service Center, EXT 141". The maximum character of the footnote is 240. 100 SMCWHS14-G Item Copyright Default Enable Description The copyright is allowed the administrator to input a paragraph in the subscriber login page for copyright information. The maximum character of the copyright is 80. Background Color FFFFFFF The background text color can be specified color. For the specified text color format please views the color grid.

The allowed format is Hexadecimal. Figure 3-92 Login Page Screen Before you add logo to the login page, please make sure the logo image file is defined. For details, see section 3-2-10 Customization->Logo. Figure 3-93 Error Dialog Box 101 SMCWHS14-G Redirect This allow service provider to redirect the subscriber's browser to a specified home page. Figure 3-94 Redirect Login Page Setting Screen Copy and paste the following HTML Code into your home page to produce redirect subscriber login page. Figure 3-95 Redirect Login Page Code Screen 102 SMCWHS14-G Advanced This function allow user to design login page of Wireless Hotspot Gateway. Figure 3-96 Advanced Login Page Setting Screen Item Welcome Slogan Page Background Default Description Welcome The maximum allowed characters length is 80. None The page background can be none or specified color. For the background color format please views the color grid. The allowed format is Hexadecimal.

Article Empty The article is allowed the administrator to input a paragraph in the subscriber login page for advisement or announcement. The maximum character of the article is 1024. Article Text Color 000000 The article text color can be specified color. For the specified text color format please views the color grid. The allowed format is Hexadecimal.

Article Background None Color The article background can be specified color. For the background color format please views the color grid. The allowed format is Hexadecimal. Information Empty Allow the administrator to input the text information such like address, telephone number and fax information. The maximum character of the information is 80.

Comments Empty Allow the administrator to input the text comments such like "Pleas Contact to our Customer Service Center, EXT 141". The maximum character of the comment is 80. 103 SMCWHS14-G Figure 3-97 Color Gird Frame If "Frame" is selected the subscriber login page will be separate into Top Frame and Bottom Frame. Bottom Frame is a default format for username and password input, Top Frame is allowed to be specified a URL to link. www.caesarpark.com Figure 3-98 Frame Login Page Setting Screen Item Default Description The input format can be http://www.



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