I'm not robot

reCAPTCHA

Continue

I'm not robot

reCAPTCHA

How to reset ac750 wifi range extender

To be able to log in to the Settings menu of your range extender, you need a Username and Password. This applies to all Sitecom range extenders. The default login details for all Sitecom range extenders are the same: • Username: admin • Password: admin Make sure you enter them without capitals. Tip: Tick Remember my credentials if you do not want to have to enter the password each time. The combination of username and password is not accepted. Now what? If your range extender does not accept the combination admin and admin, follow the steps below: • Check carefully that you have not made a typo. • If you changed your password in the Settings menu, enter the new password. • If you are still not able to gain access or no longer remember the new password you chose, reset your range extender. All the settings will be cleared, and the password will be reset to admin. You will now have to reconfigure the range extender. Click here for instructions. RE200 AC750 WiFi Range Extender User Guide4.6.4 Reboot Selecting System Tools > Reboot allows you to reboot the device on the screen shown in Figure 4-20. Figure 4-20 Reboot the device Click the Reboot button to reboot the device. Some settings of the device will take effect only after rebooting, which include: • Change LAN IP Address (System will reboot automatically). • Change the DHCP Settings. • Change the Wireless configurations. • Change the Web Management Port. • Upgrade the firmware of the device (system will reboot automatically). • Restore the device's settings to factory defaults (system will reboot automatically). • Update the configuration with a file (system will reboot automatically). 4.6.5 Password Selecting System Tools > Password allows you to change the factory default user name and password of the device on the screen shown in Figure 4-21. Figure 4-21 Password It is strongly recommended that you change the factory default user name and password of the device. All users who try to access the device's web-based management page or Quick Setup will be prompted for the device's user name and password. 25 Page 3RE200 AC750 WiFi Range Extender User GuideFigure 4-16 The System Tools menu 4.6.1 Firmware Upgrade Selecting System Tools > Firmware Upgrade allows you to upgrade the latest version of firmware for the device on the screen shown in Figure 4-17. Figure 4-17 Firmware Upgrade New firmware versions are posted at and can be downloaded for free. ¾ Firmware Version - Here displays the current firmware version. ¾ Hardware Version - Here displays the current hardware version. The hardware version of the upgrade file must accord with the current hardware version.) Note: 1. There is no need to upgrade the firmware unless the new firmware has a new feature you want to use. However, when experiencing problems caused by the device itself, you can try to upgrade the firmware. 2. Before upgrading the device's firmware, you should write down some of your customized settings to avoid losing important configuration settings of device. To upgrade the device's firmware, follow these instructions: 1. Download a more recent firmware upgrade file from the TP-LINK website ( ). 2. Enter the path name or click Browse… to select the downloaded file on the computer into the File blank. 3. Click Upgrade.) Note: Do not turn off the device or press the Reset button while the firmware is being upgraded. The device will reboot after the Upgrading has been finished. 23 Page 4RE200 AC750 WiFi Range Extender User Guide¾ Current Status - The connected wireless station's running status, one of STA-AUTH / STA-ASSOC / STA-JOINED / WPA / WPA-PSK / WPA2 / WPA2-PSK / AP-UP / AP-DOWN / Disconnected. ¾ Received Packets - packets received by the station. ¾ Sent Packets - packets sent by the station. You cannot change any of the values on this page. To update this page and to show the current connected wireless stations, click the Refresh button. If the numbers of connected wireless stations go beyond one page, click the Next button to go to the next page and click the Previous button to return the previous page.) Note: This page will be refreshed automatically every 5 seconds. 4.5 LED On/Off The LED On/Off option will allow you to turn on or off the LED status of your Range Extender (shown in Figure 4-15). Figure 4-15 LED On/Off ¾ LED Status - Shows if the LED is On or Off. ¾ Change the LED Setting - Switch the LED On or Off.) Note: Switching the LED On or Off does not affect the extender's performance or function. 4.6 System Tools System Tools option helps you to optimize the configuration of your device. You can upgrade the Range Extender to the latest version of firmware as well as backup or restore the Range Extender's configuration files. It's suggested that you change the default password to a more secure one because it controls access to the device's web-based management page. Besides, you can find out what happened to the system in System Log. There are six submenus under the System Tools menu (shown as Figure 4-16): Firmware Upgrade, Factory Defaults, Backup & Restore, Reboot, Password, and System Log. Figure 4-18 Restore Factory Defaults Click Restore to reset all configuration settings to their default values. • Default User Name: admin • Default Password: admin • Default IP Address: 192.168.0.254 • Default Subnet Mask: 255.255.255.0) Note: Any settings you have saved will be lost when the default settings are restored. 4.6.3 Backup & Restore Selecting System Tools > Backup & Restore allows you to save all configuration settings to your local computer as a file or restore the device's configuration on the screen shown in Figure 4-19. Figure 4-19 Save or Restore the Configuration Click Backup to save all configuration settings to your local computer as a file. To restore the device's configuration, follow these instructions: • Click Restore to update the configuration with the file whose path is the one you have input or selected in the blank.) Note: The current configuration will be covered with the uploading configuration file. Wrong process will lead this device unmanaged. The restoring process lasts for 20 seconds and this device will restart automatically then. Keep the power of this device on during the process, in case of any damage. 24 Page 6 RE200 AC750 WiFi Range Extender User Guide) Note: The new user name and password must not exceed 14 characters in length and must not include any spaces. Enter the new Password twice to confirm it. Click Save when finished. Click Clear All to clear all. 4.6.6 System Log Selecting System Tools > System Log allows you to query the Logs of the device on the screen shown in Figure 4-22. Figure 4-22 System Log The device can keep logs of all traffic. You can query the logs to find what happened to the device. ¾ Log Type - By selecting the log type, only logs of this type will be shown. ¾ Log Level - By selecting the log level, only logs of this level will be shown. Click the Refresh button to show the latest log list. Click the Save Log button to save all the logs in a txt file. Click the Mail Log button to send an email of current logs manually according to the address and validation information set in Mail Settings. The result will be shown in the later log soon. Click the Clear Log button to delete all the logs from the system permanently, not just from the page. Click the Next button to go to the next page, or click the Previous button return to the previous page. 26 Page 7RE200 AC750 WiFi Range Extender User GuideAppendix B: Troubleshooting T1. How do I restore my Range Extender's configuration to its factory default settings? There are TWO methods available to restore the factory defaults. Method 1:With the Range Extender RE200 powered on, use a pin to press the RESET button on the rear panel for 1 second before releasing it. Method 2: Get logged in to the web-based management page of RE200, then go to "System Tools -> Factory Defaults" and click "Restore".)Note: Once the Range Extender is reset, the current configuration settings will be lost and you will need to reconfigure it. T2. What can I do if I forget my password? 1) Restore the Range Extender's configuration to its factory default settings. If you don't know how to do that, please refer to previous T1; 2) Use the default user name and password: admin, admin; 3) Try to reconfigure your Range Extender by following the instructions of this UG. T3. What can I do if I cannot access the web-based configuration page? 1) Check to verify all the connections (either wireless or wired ones) are proper. If yes, please proceed to the next step; otherwise, check the connections again. 2) Try to obtain an IP address and gateway; if succeed, open your web-browser, enter the default domain in the address field and get logged in. 28 Page 8RE200 AC750 WiFi Range Extender User GuideIf you are unable to log in, please RESET the device, and then use the default IP address to get into the web-based configuration page, reconfigure the device. 3) Feel free to contact our technical support, if the problem still persists. T4. How can I know that my wireless signal has been repeated and boosted by RE200? An easy way is to compare the signal strength of your target wireless network (symbolized by its SSID), with RE200 in operation vs. out of operation. Before comparison, you'd better make sure your computer can obtain an IP address from your target wireless network and thus access the Internet, either via RE200 or without. T5. Will the Range Extender work if I connect the ETHERNET port of it to the router via Ethernet cable? Sorry, it won't work. The Range Extender is designed to connect wirelessly to the router, while the ETHERNET port is designed to connect with a wired device, like Internet TV, Gaming console, DVR and so on. T6. Why does the wireless transmission rate speed down, while the wireless signal is stronger after repeated by RE200? In compliance with the wireless transmission protocol, all the Range Extender devices are set to work in half-duplex instead of full-duplex mode. In other words, the Range Extender has to process one-way communication between your root Wireless Router or AP and the terminal clients; so the transmission time will be double-increased, while the speed will be decreased. TP-LINK recommends that you connect to the Range Extender when your home network connection is poor, or when you want a larger wireless coverage to eliminate "dead zones". 29 Page 9RE200 AC750 WiFi Range Extender User GuideAppendix C: Specifications General Standards and Protocols IEEE 802.3, 802.3u, 802.11ac, 802.11n, 802.11b and 802.11g, TCP/IP, DHCPSafety & Emission CE Ports One 10/100M Auto-Negotiation LAN RJ45 port Wireless Frequency Band 2.4~2.4835GHz Radio Data Rate 11ac: up to 433Mbps（Automatic） 11n：up to 300Mbps（Automatic） 11g：54/48/36/24/18/12/9/6M（Automatic） 11b：11/5.5/2/1M（Automatic） Frequency Expansion DSSS (Direct Sequence Spread Spectrum) Modulation DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM Security WEP, WPA-PSK, WPA2-PSK Sensitivity @PER 270M: -68dBm@10% PER 108M: -68dBm@10% PER; 54M: -68dBm@8% PER; 6M: -88dBm@10% PER 1M: -90dBm@8% PER Physical and Environment Working Temperature 0℃~40℃ (32℉~104℉) Working Humidity 10% ~ 90% RH, Non-condensing Storage Temperature -40℃~70℃(-40℉~158℉) Storage Humidity 5% ~ 95% RH, Non-condensing 30 Page 10RE200 AC750 WiFi Range Extender User GuideAppendix D: Glossary ¾ 802.11ac - IEEE 802.11ac is a wireless computer networking standard of 802.11.This specification will enable multi-station WLAN throughput of at least 1 gigabit per second .This is accomplished by extending the air interface concepts embraced by 802.11n: wider RF bandwidth, more MIMO spatial streams, multi-user MIMO, and high-density modulation (up to 256 QAM). ¾ 802.11n - 802.11n builds upon previous 802.11 standards by adding MIMO (multiple-input multiple-output). MIMO uses multiple transmitter and receiver antennas to allow for increased data throughput via spatial multiplexing and increased range by exploiting the spatial diversity, perhaps through coding schemes like Alamouti coding. The Enhanced Wireless Consortium (EWC) was formed to help accelerate the IEEE 802.11n development process and promote a technology specification for interoperability of next-generation wireless local area networking (WLAN) products. ¾ 802.11b - The 802.11b standard specifies a wireless networking at 11 Mbps using direct-sequence spread-spectrum (DSSS) technology and operating in the unlicensed radio spectrum at 2.4GHz, and WEP encryption for security. 802.11b networks are also referred to as Wi-Fi networks. ¾ 802.11g - specification for wireless networking at 54 Mbps using direct-sequence spread-spectrum (DSSS) technology, using OFDM modulation and operating in the unlicensed radio spectrum at 2.4GHz, and backward compatibility with IEEE 802.11b devices, and WEP encryption for security. ¾ Access Point (Range Extender) - A wireless LAN transceiver or "base station" that can connect a wired LAN to one or many wireless devices. Access points can also bridge to each other. ¾ DNS (Domain Name System) – An Internet Service that translates the names of websites into IP addresses. ¾ Domain Name - A descriptive name for an address or group of addresses on the Internet. ¾ DoS (Denial of Service) - A hacker attack designed to prevent your computer or network from operating or communicating. ¾ DSL (Digital Subscriber Line) - A technology that allows data to be sent or received over existing traditional phone lines. ¾ ISP (Internet Service Provider) - A company that provides access to the Internet. ¾ MTU (Maximum Transmission Unit) - The size in bytes of the largest packet that can be transmitted. ¾ SSID - A Service Set Identification is a thirty-two character (maximum) alphanumeric key identifying a wireless local area network. For the wireless devices in a network to communicate with each other, all devices must be configured with the same SSID. This is typically the configuration parameter for a wireless PC card. It corresponds to the ESSID in the wireless Access Point and to the wireless network name. ¾ WEP (Wired Equivalent Privacy) - A data privacy mechanism based on a 64-bit or 128-bit or 152-bit shared key algorithm, as described in the IEEE 802.11 standard. 31 Page 11RE200 AC750 WiFi Range Extender User Guide¾ Wi-Fi –A trademark of the Wi-Fi Alliance and the brand name for products using the IEEE 802.11 family of standards. ¾ WLAN (Wireless Local Area Network) - A group of computers and associated devices communicate with each other wirelessly, which network serving users are limited in a local area. ¾ WPA (Wi-Fi Protected Access) - WPA is a security technology for wireless networks that improves on the authentication and encryption features of WEP (Wired Equivalent Privacy). In fact, WPA was developed by the networking industry in response to the shortcomings of WEP. One of the key technologies behind WPA is the Temporal Key Integrity Protocol (TKIP). TKIP addresses the encryption weaknesses of WEP. Another key component of WPA is built-in authentication that WEP does not offer. With this feature, WPA provides roughly comparable security to VPN tunneling with WEP, with the benefit of easier administration and use. This is similar to 802.1x support and requires a RADIUS server in order to implement. The Wi-Fi Alliance will call this, WPA-Enterprise. One variation of WPA is called WPA Pre Shared Key or WPA-Personal for short - this provides an authentication alternative to an expensive RADIUS server. WPA-Personal is a simplified but still powerful form of WPA most suitable for home Wi-Fi networking. To use WPA-Personal, a person sets a static key or "passphrase" as with WEP. But, using TKIP, WPA-Personal automatically changes the keys at a preset time interval, making it much more difficult for hackers to find and exploit them. The Wi-Fi Alliance will call this, WPA-Personal. 32