TEW-929DRU User Manual

1. Before You Start

Package Contents

- TEW-929DRU
- Quick Installation Guide
- 2 x detachable high gain antennas
- Network cable (1.5m / 5 ft.)
- RJ-45 to RS-232 console cable (1.5m / 5 ft.)
- Power adapter (12V DC, 2A)
- Rackmount kit

Minimum Requirements

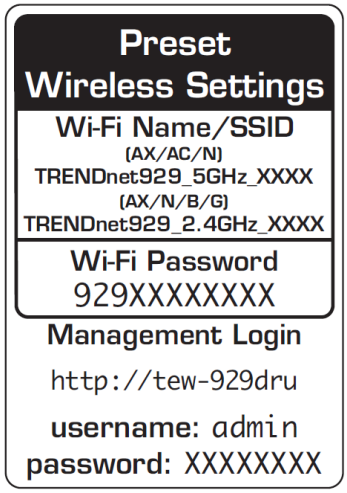
- A computer with a wired or wireless network adapter and web browser
- Broadband Internet
- Installed modem
- Network cable

Optional Equipment

- EIA standard 19” rack

2. Quick Reference

Note: By default, the admin password used to login to the router configuration, wireless network name/SSID, and wireless encryption settings have been pre-configured for your convenience and can be located on the included preset wireless settings sticker or on the device label located at the bottom of the router. By default, the router web management configuration page can be accessed from LAN ports 1-3 using the URL http://tew-929dru or using the default LAN IP address http://192.168.10.1 and WAN1 default configuration is set to DHCP client for Internet connectivity. You can choose to quickly set up your router and use the pre-configured settings or refer to the next section for more detailed instructions on initial installation and configuration.



3. Hardware Installation and Configuration

Note: It is recommended that you configure the wireless router from a wired computer.

1. Attach the antennas to the front of the router and position them for the best WiFi coverage. It is recommended that you position all of the antennas vertically as shown.

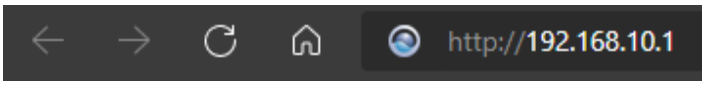
2. Connect a network cable from the WAN1 port of your router to your modem.

3. Connect a network cable from one of the LAN ports of your router to your computer.

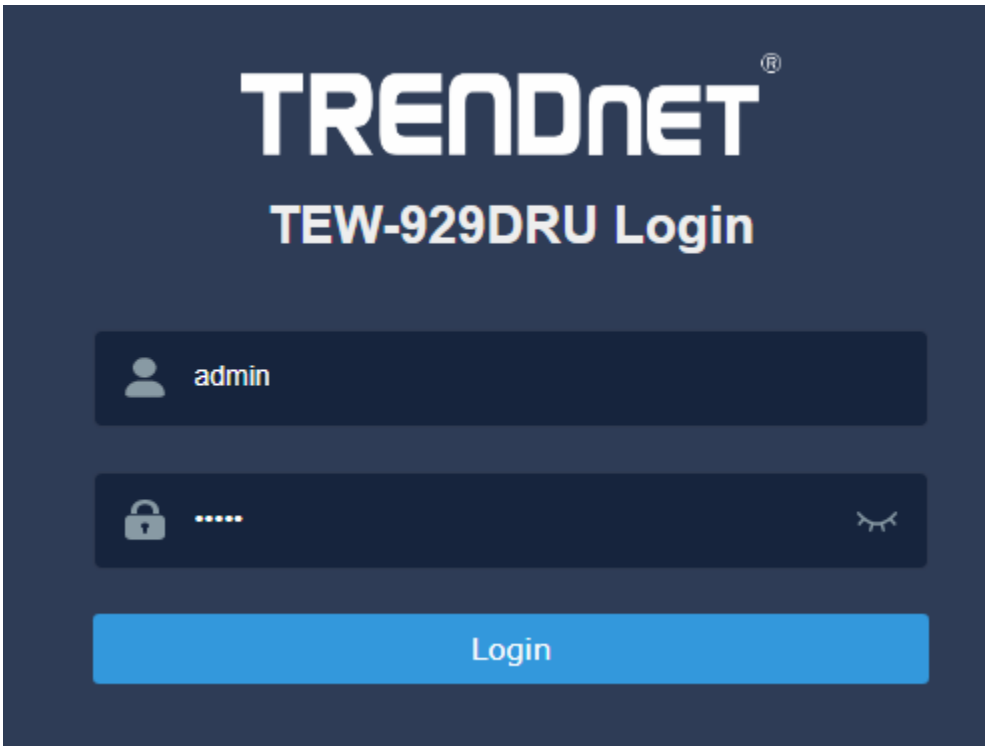
4. Connect the included power adapter from a power outlet to your router power port and push the Power On (-I) / Off(o) switch into the On (-) position.

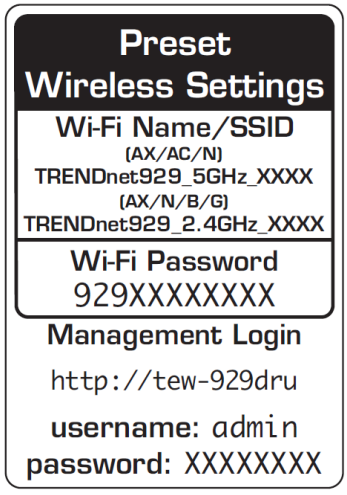
5. The Power, 2.4G, and 5G LEDs will turn on solid indicating that the router is ready.

6. Open your web browser on the connected computer and in the address bar, enter http://tew-9292dru or http://192.168.10.1 and press Enter to access the router web configuration page.



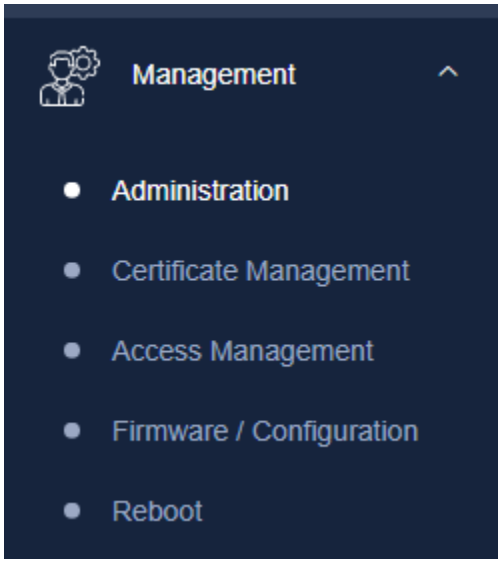
7. Enter the default **User Name** and **Password**, then click **Login**. By default, the pre-configured user name and password are located on the included preset wireless settings sticker or device label located on the bottom of the router.



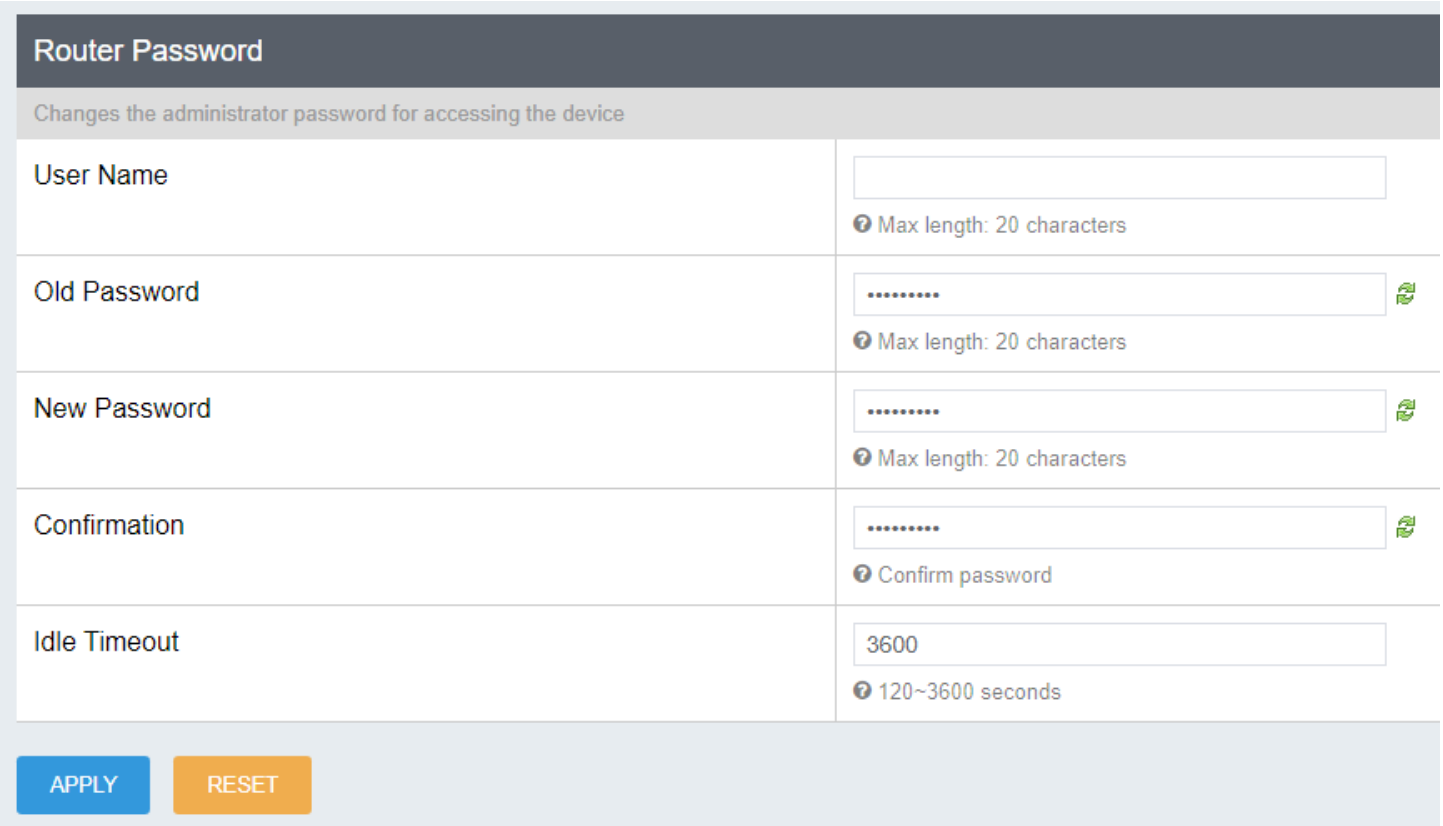


8. To change the administrator password for the router configuration, click **Management** and click **Administration.**

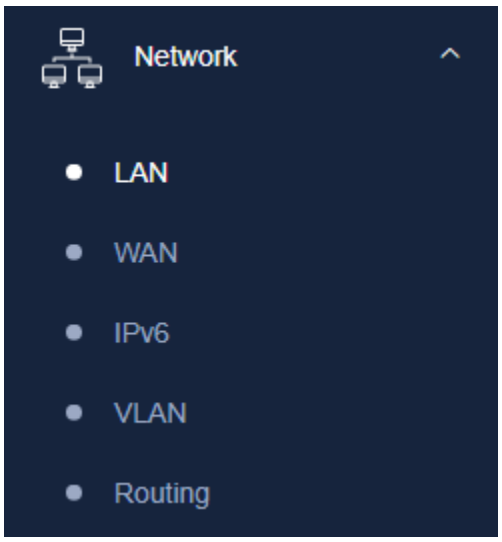
Note: By default the administrator password has been pre-configured for your convenience and can be located on the included wireless settings sticker or on the device label located on the bottom of the router. If you are modifying the administrator password, you will need to login to the router configuration using the new password.



9. Enter the new administrator password in the **Password** field and re-type the new password in the **Confirmation** field. Click **Apply** to save and commit the changes.

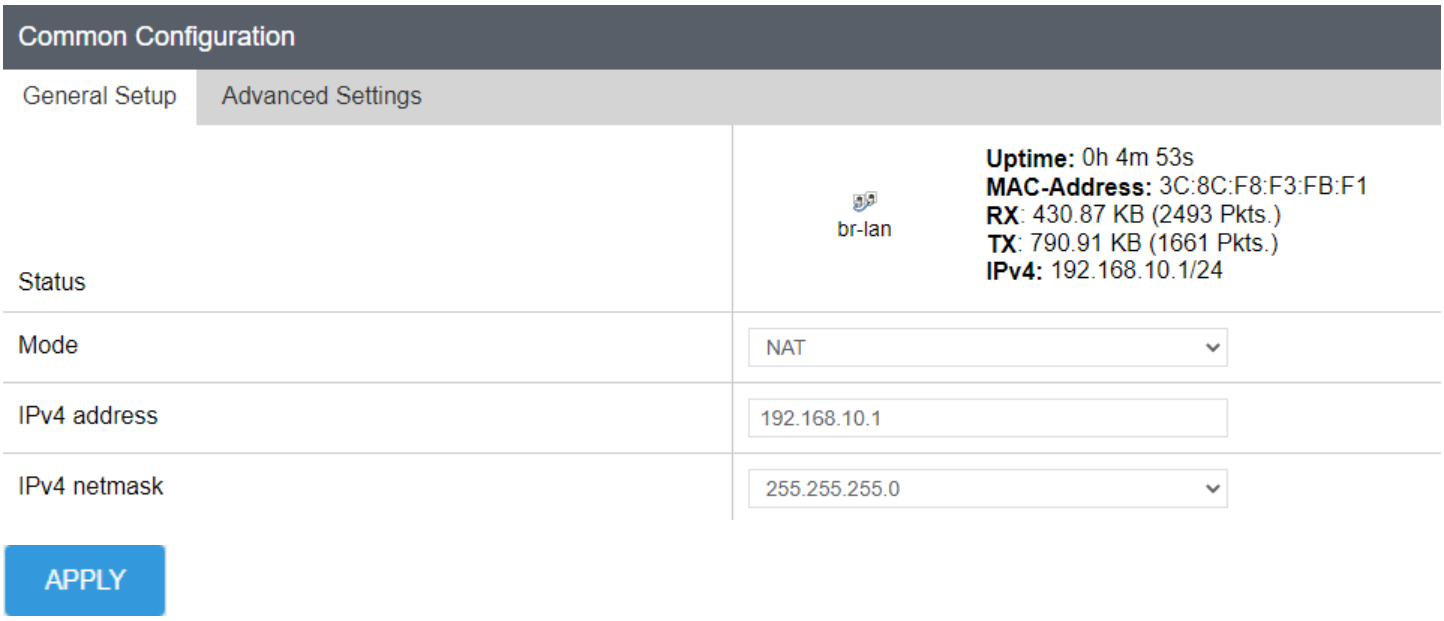


10. To change your router LAN IPv4 address settings, click on **Network** and click **LAN.**

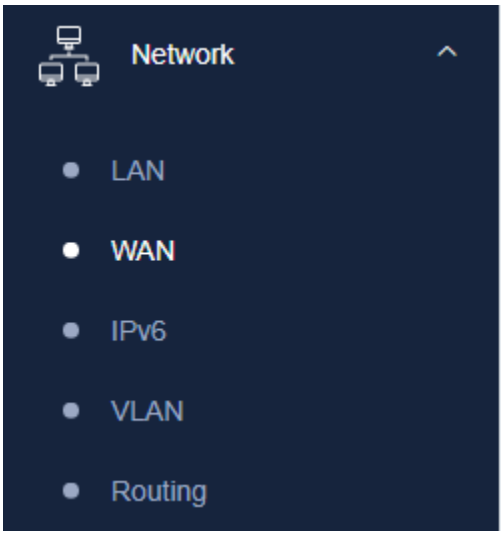


11. Under Common Configuration and General Setup, enter the new LAN IPv4 address and subnet mask in the **IPv4 address** and **IPv4 netmask** fields. Click **Apply** at the bottom of the page to save and commit the changes. Please wait for the new address settings to be applied and log back into the router web configuration page using the new LAN IPv4 address.

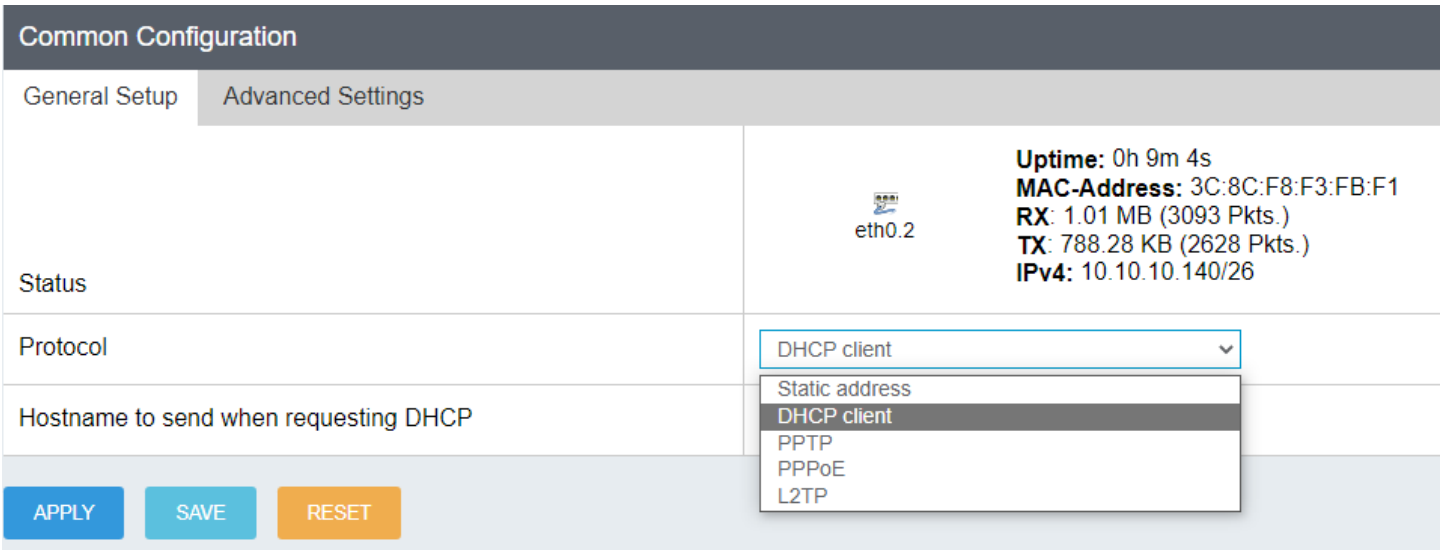
Note: If your computer IP address settings are not automatically updated to the new settings, you may need to manually renew your computer IP address settings in order for you to log back into the router web configuration with the new LAN IPv4 address settings.



12. To configure your WAN1 Internet connection settings, click **Network** and click **WAN.**

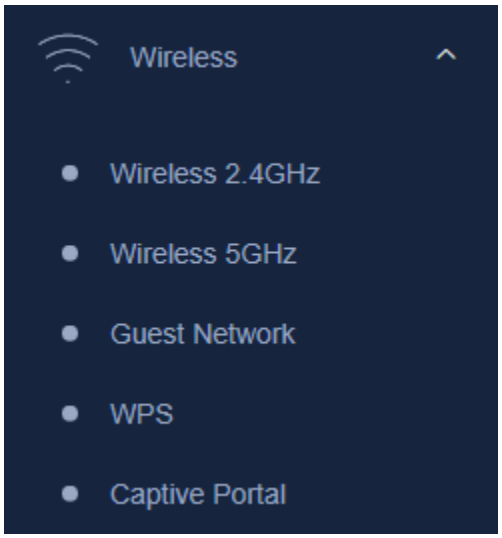


13. Under Common Configuration and General Setup, click the **Protocol** drop-down list and select the appropriate protocol (**Static address, DHCP client, PPTP, PPPoE, L2TP)** for your Internet connection. DHCP client is the typical protocol in which the connection settings are automatically obtained by your ISP (Internet Service Provider). If you are unsure about the Internet connection settings, please contact your ISP (Internet Service Provider) for details. After you have completed the Internet connection settings, click **Apply** to save and commit the changes.



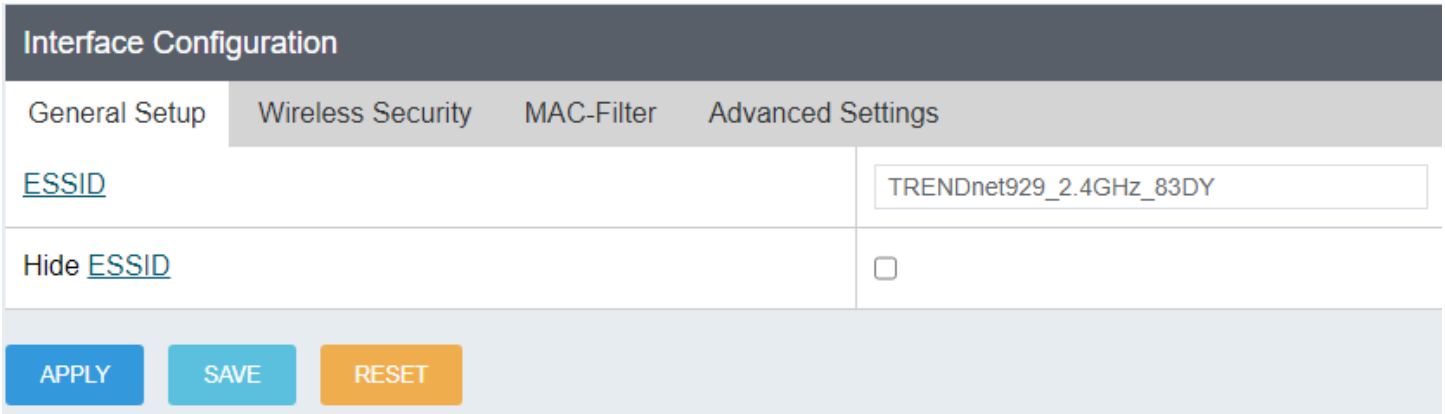
14. To configure your wireless network name/SSID and wireless encryption settings, click **Wireless** and click the wireless band you would like to configure. **Wireless 2.4GHz** or **Wireless 5GHz**

Note: By default, the wireless network name/SSID and wireless encryption has been pre-configured for your convenience and can be located on the included wireless settings sticker or on the device label located on the bottom of the router. If you are modifying the wireless settings, you will need to connect to the router with your WiFi clients using the new settings.



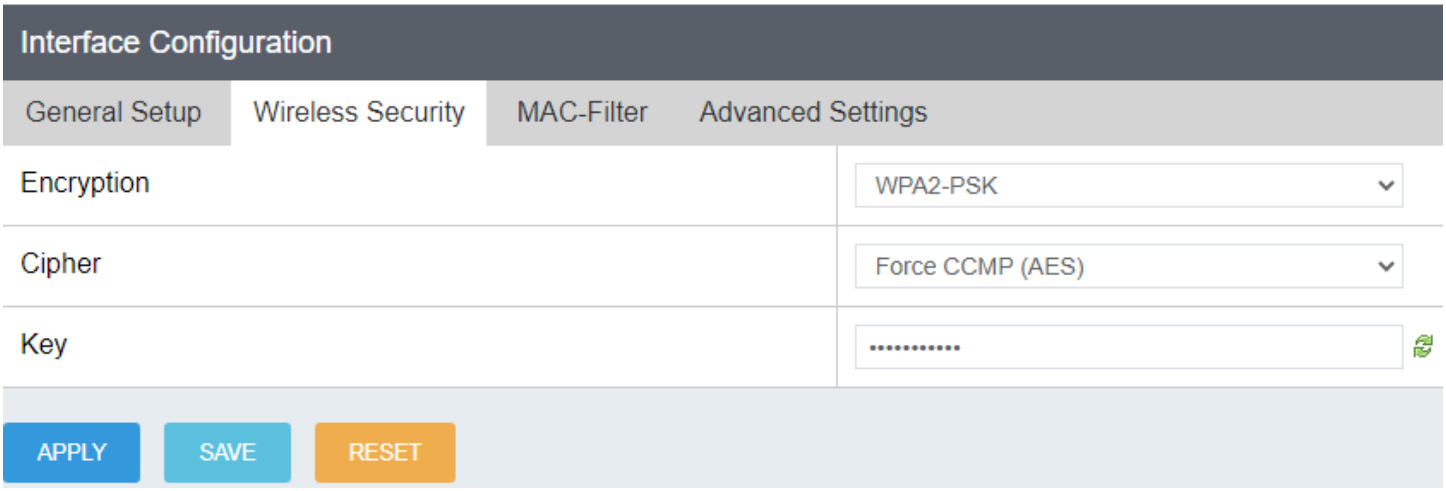
15. To change the wireless network name/SSID for the selected wireless band, under Interface Configuration and General Setup, enter the new name in the **ESSID** field and click **Apply** to save and commit the changes.

Note: The wireless network name/SSID is the name your WiFi clients will need to search and discover when connecting to your router wireless network.



16. To change the wireless encryption key for the selected wireless band, under Interface Configuration and Wireless Security, enter the new encryption in the **Key** field and click **Apply** to save and commit the changes.

Note: WPA3-Personal AES wireless encryption is strongly recommended. By default, WPA3/WPA2-Personal Mixed is configured for client compatibility. The wireless encryption key is the key your WiFi clients will need to enter when connecting to your router wireless network.



Note: To download the latest version of the user's guide, please go to http://www.trendnet.com/support and select the **TEW-929DRU** within the Product Download drop-down list.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is restricted for indoor use.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 42cm between the radiator & your body.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs / récepteurs exempts de licence qui sont conformes au (x) RSS (s) exemptés de licence d'Innovation, Sciences et Développement économique Canada. L'opération est soumise aux deux conditions suivantes:
(1) Cet appareil ne doit pas provoquer d'interférences.
(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

This radio transmitter [6337A-TEW929DRU] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Le présent émetteur radio (6337A-TEW929DRU) a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal d'antenne. Les types d'antennes non inclus dans cette liste qui ont un gain supérieur au gain maximal indiqué pour tout type listé sont strictement interdits pour une utilisation avec cet appareil.

Ant.	Brand	Model Name	Antenna Type	Gain (dBi)	
				2.4GHz	5GHz
1	M.gear	C732-510012-A	Dipole	5.33	5.88
2	M.gear	C732-510012-A	Dipole	5.33	5.88

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une

utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.

le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5850 MHz)

doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

IMPORTANT NOTE:

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 26cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 26 cm de distance entre la source de rayonnement et votre corps.