

User's Guide

TRENDNET[®]



N150 Wireless Travel Router

TEW-714TRU

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Product Overview



TEW-714TRU

Package Contents

TEW-714TRU package includes:

- TEW-714TRU
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Network Cable (1 m / 3 ft.)
- US, Euro, and UK Power Plug

If any package contents are missing or damaged, please contact the retail store, online retailer, or reseller/distributor from which the product was purchased.

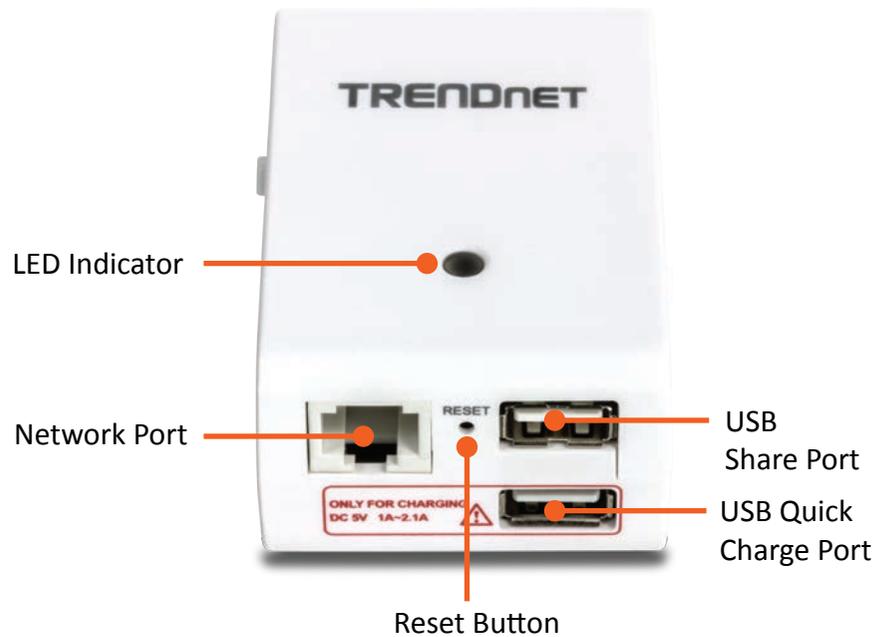
Features

TRENDnet's N150 Wireless Travel Router, model TEW-714TRU, is a flexible travel router for on the go professionals. Router mode turns a wired Internet connection into a wireless network. Repeater and WISP modes leverage an existing wireless network. Connect a USB storage drive to share content across the wireless network. Quickly charge mobile devices with the convenient quick charge port. Interchangeable power plugs keep you connected on all continents.

- Share a single Internet connection with multiple users
- Router, WISP, and Repeater modes
- Router Mode turns a wired Internet connection into a wireless network
- Repeater and WISP (Wireless ISP) Modes leverages an existing wireless network
- One touch network connection with the WPS button
- Reliable 150 Mbps* Wireless N
- Advance wireless security with 64/128-bit WEP, WPA/WPA2 Radius and WPA-PSK/WPA2-PSKIPv6 network support
- USB File Share port
- USB Quick Charge port
- Interchangeable Power plugs: USA, Euro, and UK
- Embedded GREENnet technology reduces power consumption by up to 50%
- 3-year limited warranty

*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.

Front Panel



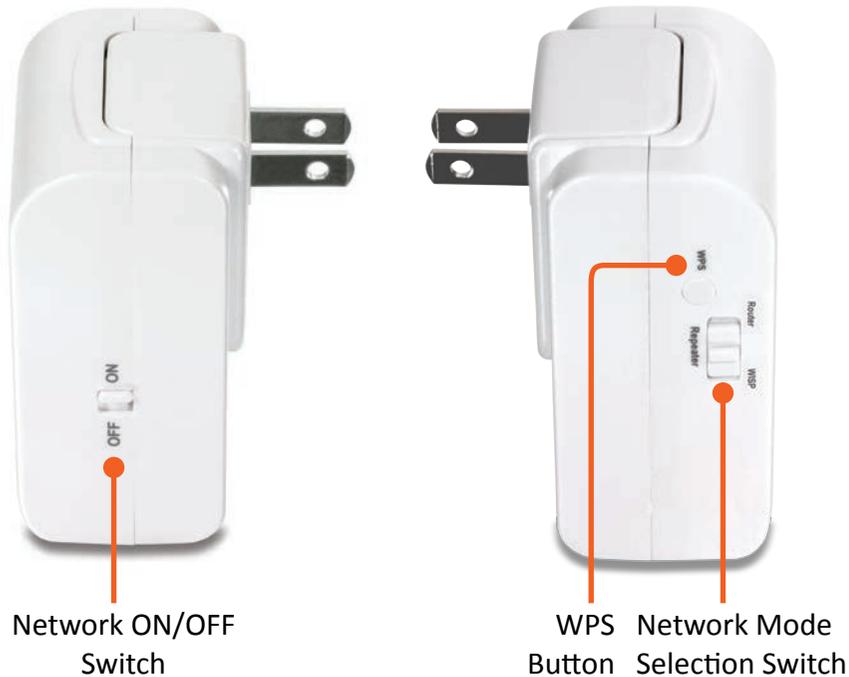
Reset Button	Push and hold for 2 seconds to reset TEW-714TRU	
LED Indicator	OFF	Powered off or LED system boot up
	Blinking red	System is not ready
	Blinking orange	Looking for Internet connection
	Blinking Green	WPS pairing in progress
	Solid Green	Internet connection established
Network Port	Connects to hotel network or your laptop by network cable. (This port behaves differently in different operation modes.)	
USB Share Port	Plug in your USB flash drive or portable hard drive for instant file sharing	
USB Quick Charge Port	Charges your iPhone, iPad, or smart phone	

Power Plugs



TEW-714TRU has a built-in universal power adapter. Simply choose the type of plug that matches the available power source and plug in the TEW-714TRU.

Side View



Network ON/OFF Switch

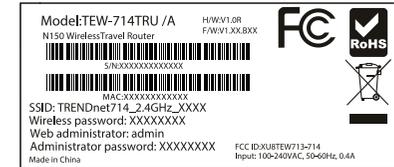
WPS Button Network Mode Selection Switch

Network ON/OFF Switch	ON	Turn on TEW-714TRU network and file sharing services.
	OFF	The network service is turned off. The USB Quick Charge Port will still work if TEW-714TRU is plugged in to a power source.
WPS Button	Push and release the WPS button to activate WPS pairing. The LED indicator will begin blinking green when WPS is activated	
Network Mode Selection Switch	Select one of the three network modes: router, repeater, and WISP. Then plug TEW-714TRU in to a power source to start service.	

Product Preset Information



Preset label on package



Device label with preset information

There are two preset product labels comes with the package. The first label is located on plastic wrapping of TEW-714TRU. The second label is located on the bottom of the TEW-714TRU. You can find default SSID, wireless key, administrator account name, and administrator password there. The default static management IP is 192.168.10.1 .

General Setups

Where to find setup information

The TEW-714TRU is a multi-functioning router and your best traveling partner. Depending on your location and Internet availability, you need to setup your TEW-714TRU to operate in different network mode from time to time. This section describes general network setups and how to access system configurations. For specific setup task, please go to the page directly.

USB Power Charging: The TEW-714TRU Quick Charge Port can recognize iPhones, iPads, and many portable devices for quick power charging. Read instructions here for more details. page 4

Web Management: How to log into the web management interface page 5

Router: If you have a wired Internet connection, you can set network mode to Router mode to connect to the Internet page 7

WISP: Wireless Internet Service Provider mode. If you have an 802.11 wireless connection provided by the ISP, hotel, library, or hot spot and you want to share this connection to your multiple devices, you can setup TEW-714TRU in WISP mode page 9

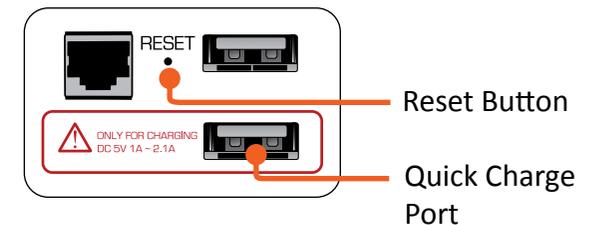
Repeater: Simply repeats weak Wi-Fi signals to a better Internet connection page 13

System Configuration: The TEW-714TRU has many advanced configuration option; Read this section for complete instructions on how to fine tune your TEW-714TRU page 18

File Sharing: To download picture from your camera or share documents in a meeting, simply plug in your flash drive to the USB File Share Port. For more information, see this section page 30

Reset Your Router

All instructions in this user's guide assume that you have a brand new TEW-714TRU out of box, or that you have reset your configurations to factory default. If you are not sure whether your TEW-714TRU currently set to factory defaults, power on your TEW-714TRU, wait for the LED lights up, then press and hold the **Reset** button at the bottom of router for 2 seconds.



USB Power Charging

TEW-714TRU comes with a USB Charge Port which is the lower the USB port on the TEW-714TRU. This power charging port detects iPhones, smart phones and tablets. When the TEW-714TRU detects your portable device, it will intelligently communicate with it, providing more than 500mA (up to 2.1A) to quickly charge your device. For devices not recognized by the TEW-714TRU, you can still charge your device with 500mA limit gracefully.

* Router Switch: If you want TEW-714TRU works as a charger only, you can switch off the router

Web Management

This section shows you how to setup a connection with the TEW-714TRU and how to login to the web management page.

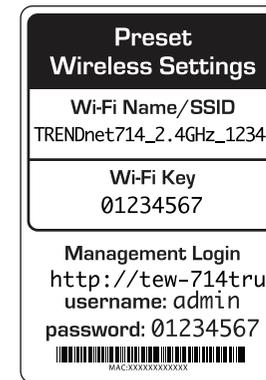
- 1 Choose the power plug suitable to your traveling area. Slide in the power plug. Push it firmly until it clicks.



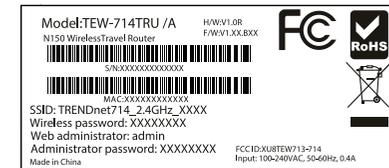
- 2 Switch the TEW-714TRU wireless router on and then plug into a wall socket.



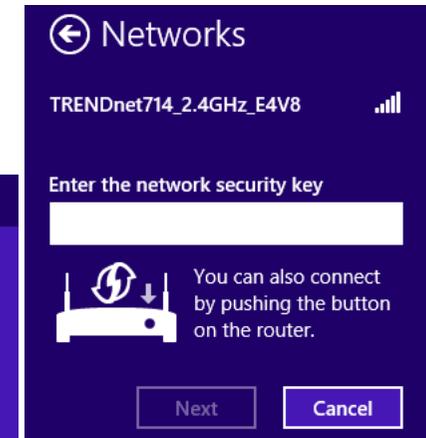
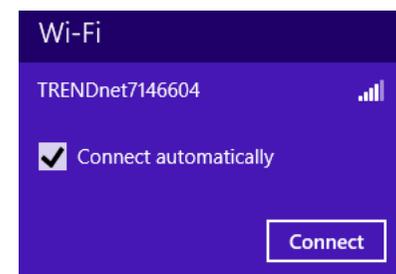
- 3 Search for available wireless connections in your computer network settings. The default SSID of TEW-714TRU is shown on the preset label and the device label. This is the SSID that you will need to connect to. When your computer prompts you for the wireless key, you can push the WPS button on TEW-714TRU to send the wireless key automatically, or you can enter the wireless key manually. The default wireless key can be found on the preset label on the package or on the device label on the bottom of the TEW-714TRU.



Preset label
on package



Device label
with preset information



- 4 Open a web browser and enter **http://TEW-714TRU** to access the web administration page.



If you have a static IP set on your PC, please open a web browser and enter **http://192.168.10.1** The TEW-714TRU login page will appear.



Enter the administrator login information (The default user name is **admin** and the password is printed on the preset label and the device label.)

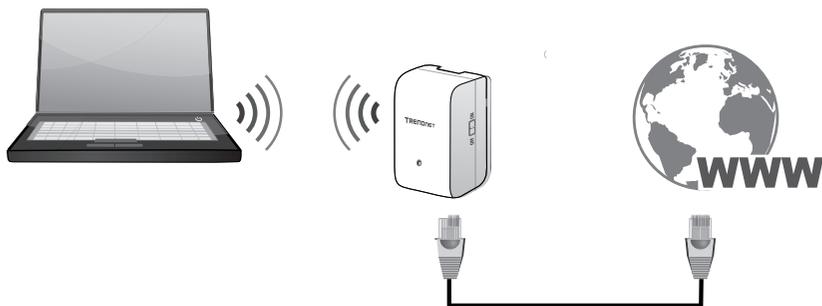


* Please reference the troubleshooting section if you are unable to access the administration web page.

Setup Wizards

Router Mode

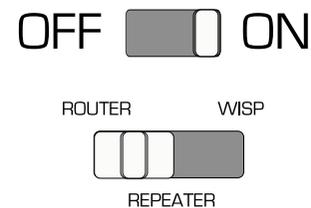
If you have an Ethernet connection want to connect to it wirelessly, or if you have friends or family with you and want to share a single Internet connection, or if you want to connect multiple portable devices, such as laptops, tablets, and smart phones, you can select router mode to network your devices..



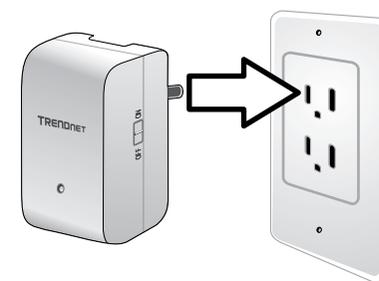
- 1 Choose the power plug suitable to your traveling area. Slide in the power plug. Push it firmly until it clicks.



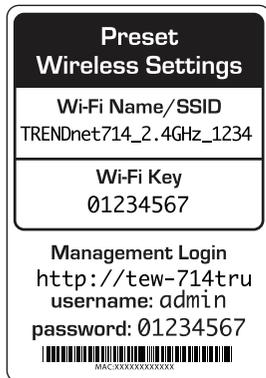
- 2 Push the power button to the "ON" position and the **Network Mode button** to "**Router**" position.



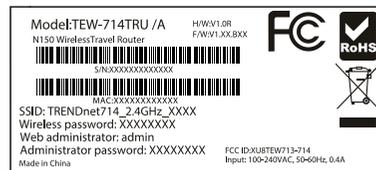
- 3 Plug TEW-714TRU into a wall socket.



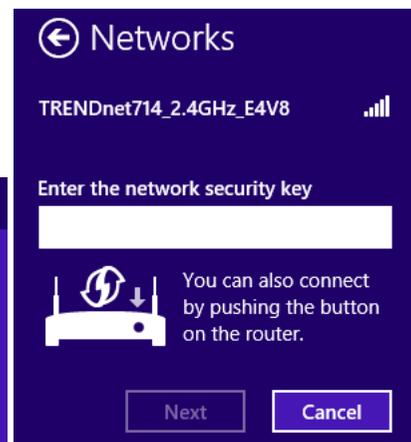
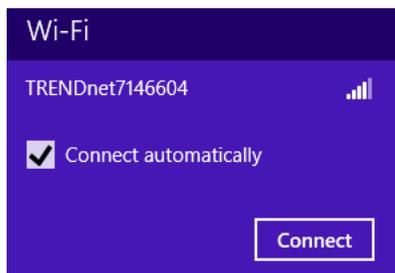
- 4** Search for available wireless connections in your computer network settings. The default SSID of TEW-714TRU is shown on the preset label and the device label. This is the SSID that you will need to connect to.



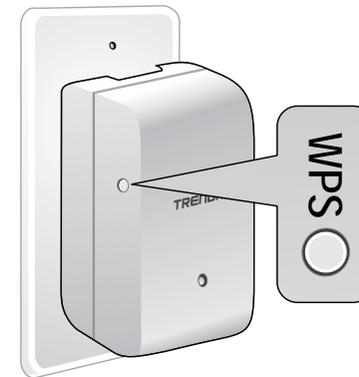
Preset label
on package



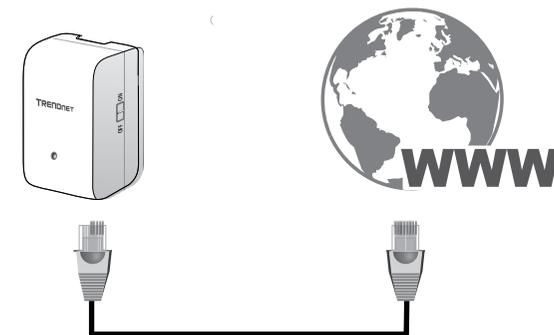
Device label
with preset information



When your computer prompts you for the wireless key, you can push the WPS button on TEW-714TRU to send the wireless key automatically, or you can enter the wireless key manually. The default wireless key can be found on the preset label on the package or on the device label on the bottom of the TEW-714TRU.



- 5** Connect one end of network cable to TEW-714TRU network port. Connect the other end of network cable to hotel network port or a network router. Then you are connecting to the Internet.



You are connecting to the Internet

WISP Mode

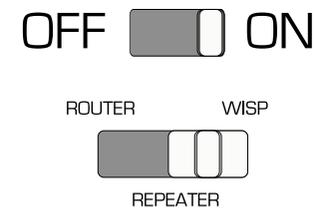
If you have a Wi-Fi connection available in a hotel, airport, or coffee shop and you want to share the single connection with your friends or family, or if you want to provide wireless to multiple portable devices, such as laptop, tablets, or smart phones, you can set the TEW-714TRU to WISP (Wireless ISP) mode to network your devices.



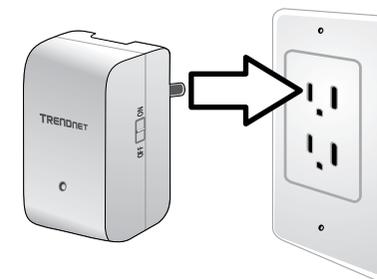
- 1 Choose the power plug suitable to your traveling area. Slide in the power plug. Push it firmly until it clicks.



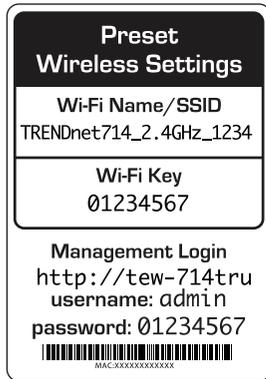
- 2 Push the power button to the "ON" position and the **Network Mode button** to "WISP" position.



- 3 Plug TEW-714TRU into a wall socket.



- 4** Search for available wireless connections in your computer network settings. The default SSID of TEW-714TRU is shown on the preset label and the device label. This is the SSID that you will need to connect to.

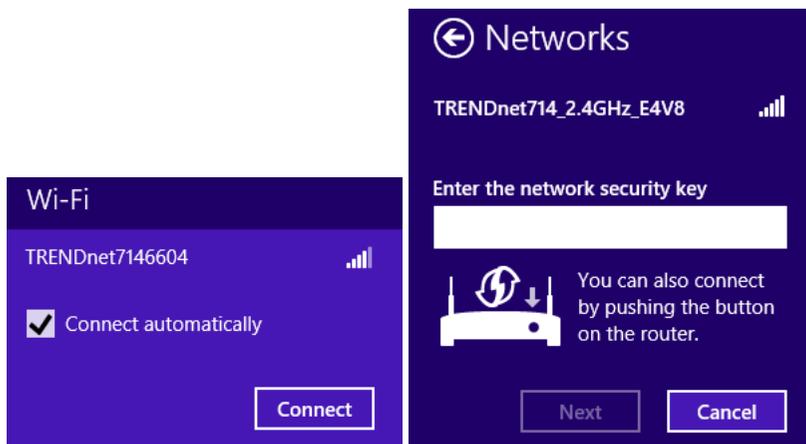
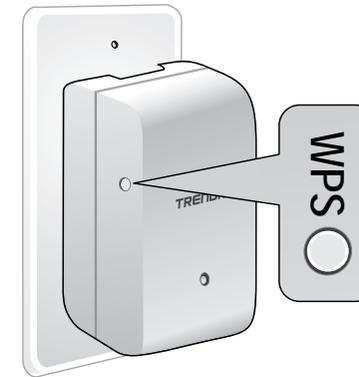


Preset label
on package



Device label
with preset information

When your computer prompts you for the wireless key, you can push the WPS button on TEW-714TRU to send the wireless key automatically, or you can enter the wireless key manually. The default wireless key can be found on the preset label on the package or on the device label on the bottom of the TEW-714TRU.



- 5 Open a web browser and enter **http://TEW-714TRU** to access the web administration page.



If you have a static IP set on your PC, please open a web browser and enter **http://192.168.10.1** The TEW-714TRU login page will appear.

 A screenshot of the TEW-714TRU login page. The page has a dark grey background with the TRENDnet logo at the top left. The main content area is titled 'TEW-714TRU LOGIN' and contains three input fields: 'User Name' with 'admin' entered, 'Password' with masked characters, and 'Language' with 'English' selected in a dropdown menu. A blue 'Login' button is positioned below the fields. At the bottom, there is a copyright notice for 2013 TRENDnet and a 'Product Warranty Registration' link.

Enter the administrator login information (The default user name is **admin** and the password is printed on the preset label and the device label.)

- * Please reference the troubleshooting section if you are unable to access the administration web page.

- 6 Click on the **Basic** tab, then click the **Wizard** button to begin the WISP setup wizard. Read the description and then click on **Next**.



- 7 Choose **Automatic Setup** to automatically search for available wireless connections. Click **Next**.



- 8** Choose the wireless network you want to join in. Click **Select** on the row, then click **Next**

If you don't see the wireless network you want to join, click **Site Survey** to search the network again. Or, you can skip this step and enter your network information manually.

Note: You are now in WISP (Wireless ISP) mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

Choose a site you want to connect to and then click Next. Click Site Survey to refresh available site list.

Site Survey

Select	Wi-Fi Name / SSID	MAC Address	Channel	Wi-Fi Key
<input checked="" type="radio"/>	TRENDnet 1	00:14:d1:b8:0b:64	1	WPAPSK/TKIP
<input type="radio"/>	TRENDnet 2	00:14:d1:be:07:74	1	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 3	00:14:d1:cf:ca:c4	1	WPA2PSK/TKIPAES
<input checked="" type="radio"/>	TRENDnet 4	00:14:d1:e8:7f:7c	1	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 5	00:14:d1:67:9c:f1	1	WPA1PSKWPA2PSK/TKIP
<input checked="" type="radio"/>	TRENDnet 6	00:14:d1:a4:dd:27	1	WPA1PSKWPA2PSK/TKIP
<input checked="" type="radio"/>	TRENDnet 7	00:14:d1:fe:16:48	2	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 8	00:14:d1:b1:89:bc	3	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 9	00:14:d1:aa:21:78	6	WPA2PSK/AES

Back Next Cancel

- 9** Enter the **Wi-Fi key** for your wireless Internet connection, and then click **Apply**.

Note: You are now in WISP (Wireless ISP) mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

Wi-Fi Name / SSID: myRouter

Channel (Optional): 6

MAC Address (Optional): 00:14:d1:aa:21:78

Wi-Fi Security Mode: WPA2-PSK

Security Mode: AES

Wi-Fi Key: [masked] Show Key

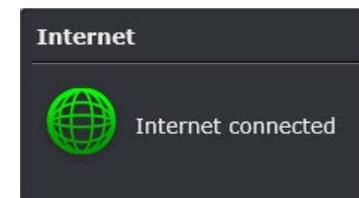
Back Cancel Apply

- 10** The TEW-714TRU will reboot and connect to the Internet.

Reboot

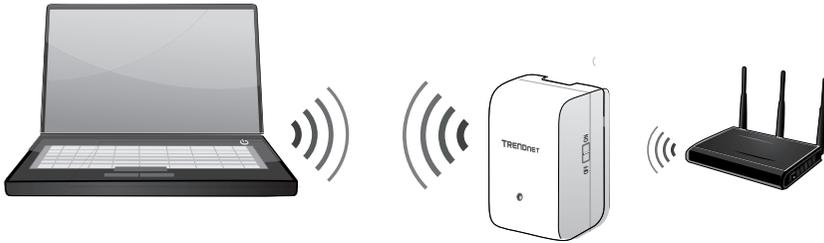
Settings have been changed successfully. The router must be rebooted for the changes to take effect.

Device is rebooting - Do not turn off the device.
Please wait...(time remaining:41 seconds.)



Repeater Mode

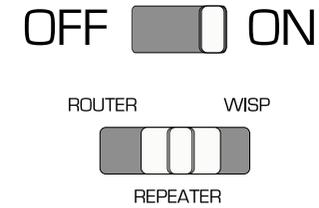
If you are experiencing weak wireless connection and want to extend the wireless range, you may want to setup the TEW-714TRU in Repeater mode to extend the wireless range. The TEW714TRU's repeater mode can be easily setup. It copies the same wireless security setup from your access point.



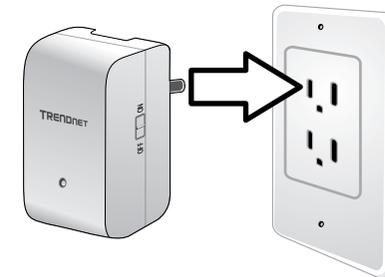
- 1** Choose the power plug suitable to your traveling area. Slide in the power plug. Push it firmly until it clicks.



- 2** Push the power button to the "ON" position and the **Network Mode button** to "**Repeater**" position.



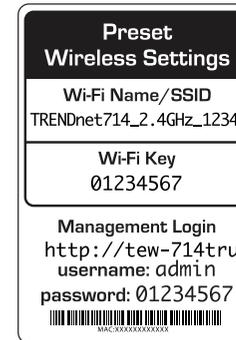
- 3** Plug TEW-714TRU into a wall socket.



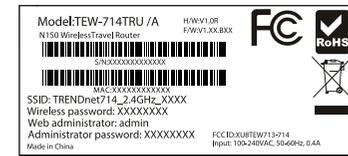
- 4 Setup with WPS button:** If you have the right to enable the WPS pairing process on access point or router, you can copy the wireless settings by pushing WPS buttons in this step. Otherwise, skip this step and go to step 5 directly.

- Push WPS button on the access point for 2 seconds.
- Push WPS button on TEW-714TRU for 2 seconds.
- The LED indicator will blink in green when proceed the pairing. After pairing, if success, the TEW-714TRU will reboot. The LED indicator will off for about a minute, then blink in amber, and finally shows solid green. It means the repeater is setup properly.

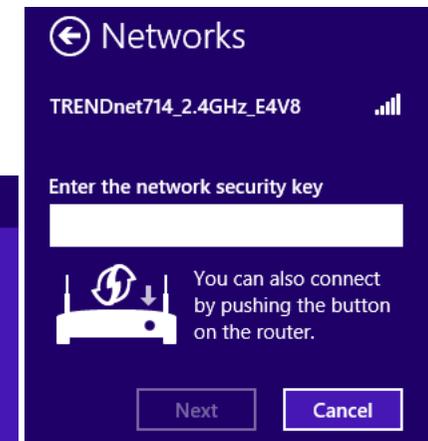
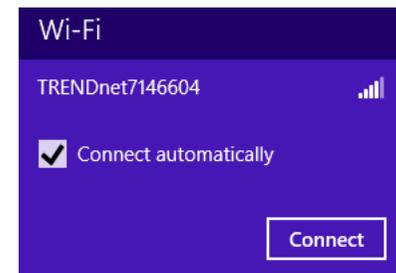
- 5** Search for available wireless connections in your computer network settings. The default SSID of TEW-714TRU is shown on the preset label and the device label. This is the SSID that you will need to connect to.



Preset label
on package



Device label
with preset information



Enter wireless key manually. The default wireless key can be found on the preset label on the package or on the device label on the bottom of the TEW-714TRU.

- 6** Open a web browser and enter **http://TEW-714TRU** to access the web administration page.



If you have a static IP set on your PC, please open a web browser and enter **http://192.168.10.1** The TEW-714TRU login page will appear.

 A screenshot of the TEW-714TRU login page. At the top left is the TRENDnet logo. At the top right, it says 'N150 Wireless Travel Router TEW-714TRU'. The main content area has a dark background with a white box containing the text 'TEW-714TRU LOGIN'. Below this, there are three input fields: 'User Name:' with 'admin' entered, 'Password:' with '*****' entered, and 'Language:' with 'English' selected in a dropdown menu. A blue 'Login' button is at the bottom of the form. At the bottom left, it says '© Copyright 2013 TRENDnet. All Rights Reserved.' and at the bottom right, it says 'Product Warranty Registration'.

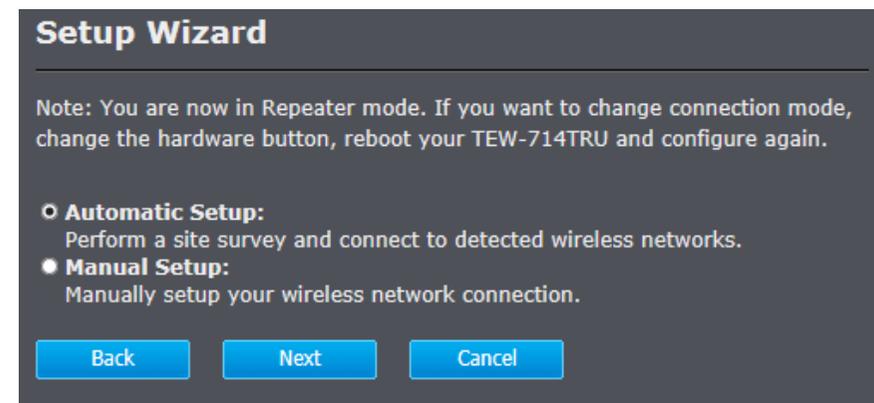
Enter the administrator login information (The default user name is **admin** and the password is printed on the preset label and the device label.)

- * Please reference the troubleshooting section if you unable to access the administration web page.

- 7** Click on the **Basic** tab, then click the **Wizard** button to begin the Repeater setup wizard. Read the description and then click on **Next**.

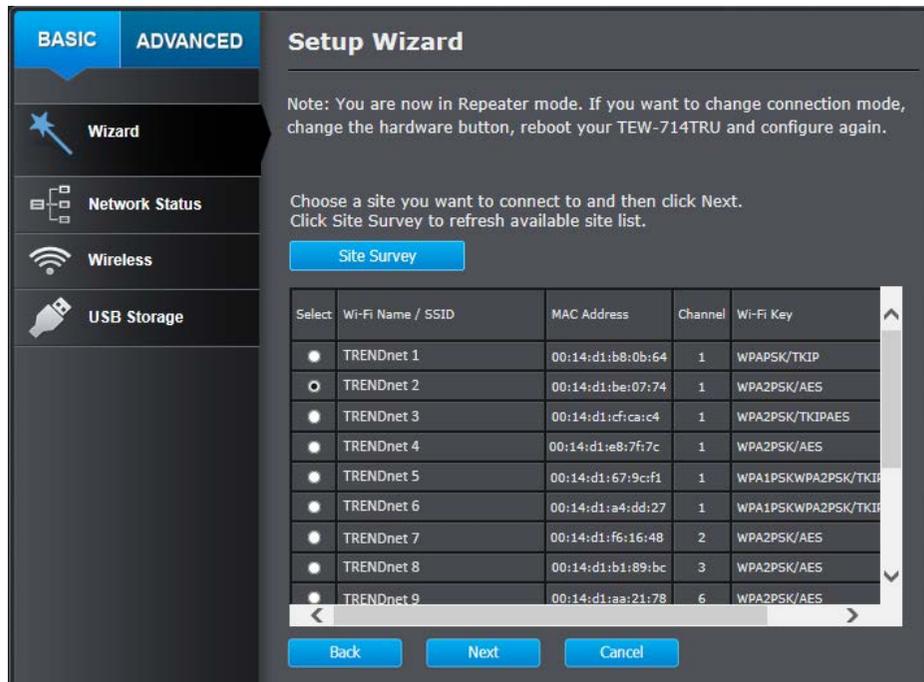


- 8** Choose **Automatic Setup** to automatically search for available wireless connections. Click **Next**.



- 9** Choose the wireless network you want to join in. Click **Select** on the row, then click **Next**

If you don't see the wireless network you want to join, click **Site Survey** to search the network again. Or, you can skip this step and enter your network information manually.



Setup Wizard

Note: You are now in Repeater mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

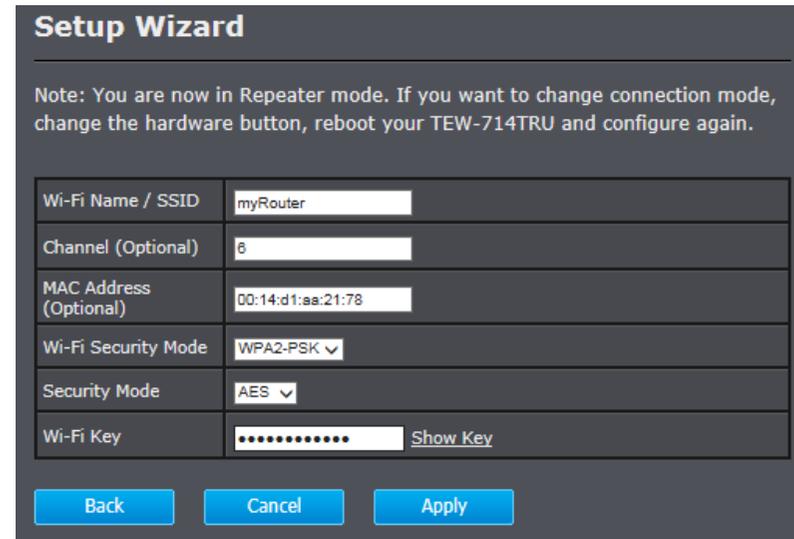
Choose a site you want to connect to and then click Next. Click Site Survey to refresh available site list.

[Site Survey](#)

Select	Wi-Fi Name / SSID	MAC Address	Channel	Wi-Fi Key
<input checked="" type="radio"/>	TRENDnet 1	00:14:d1:b8:0b:64	1	WPAPSK/TKIP
<input type="radio"/>	TRENDnet 2	00:14:d1:be:07:74	1	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 3	00:14:d1:cf:ca:c4	1	WPA2PSK/TKIPAES
<input checked="" type="radio"/>	TRENDnet 4	00:14:d1:e8:7f:7c	1	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 5	00:14:d1:67:9c:f1	1	WPA1PSKWPA2PSK/TKIP
<input checked="" type="radio"/>	TRENDnet 6	00:14:d1:a4:dd:27	1	WPA1PSKWPA2PSK/TKIP
<input checked="" type="radio"/>	TRENDnet 7	00:14:d1:f6:16:48	2	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 8	00:14:d1:b1:89:bc	3	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 9	00:14:d1:aa:21:78	6	WPA2PSK/AES

[Back](#) [Next](#) [Cancel](#)

- 10** Enter the **Wi-Fi key** of your wireless Internet connection, and then click **Apply**.



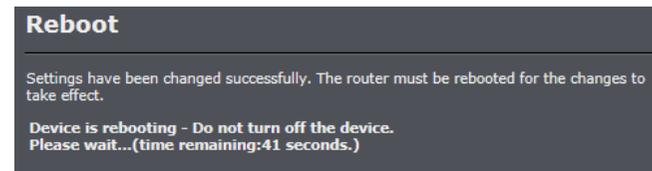
Setup Wizard

Note: You are now in Repeater mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

Wi-Fi Name / SSID	myRouter
Channel (Optional)	6
MAC Address (Optional)	00:14:d1:aa:21:78
Wi-Fi Security Mode	WPA2-PSK
Security Mode	AES
Wi-Fi Key Show Key

[Back](#) [Cancel](#) [Apply](#)

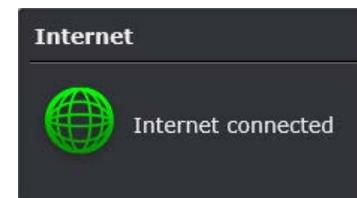
- 11** The TEW-714TRU will reboot and connect to the Internet.



Reboot

Settings have been changed successfully. The router must be rebooted for the changes to take effect.

Device is rebooting - Do not turn off the device. Please wait...(time remaining:41 seconds.)



Internet

 Internet connected

Locate Your Router Properly

Wireless Performance Considerations

There are a number of factors that can impact the range of wireless devices. Adjust your wireless devices so that the signal is traveling in a straight path, rather than at an angle. The more material the signal has to pass through the more signal you will lose. Keep the number of obstructions to a minimum. Each obstruction can reduce the range of a wireless device. Position the wireless devices in a manner that will minimize the amount of obstructions between them.

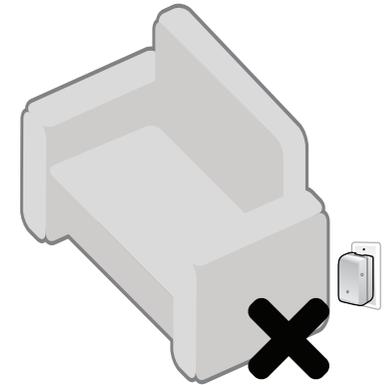
Building materials can have a large impact on your wireless signal. In an indoor environment, try to position the wireless devices so that the signal passes through less dense material such as dry wall. Dense materials like metal, solid wood, glass or even furniture may block or degrade the signal.

Antenna orientation can also have a large impact on your wireless signal. Use the wireless adapter's site survey tool to determine the best antenna orientation for your wireless devices.

Interference from devices that produce RF (radio frequency) noise can also impact your signal. Position your wireless devices away from anything that generates RF noise, such as microwaves, radios and baby monitors.

Any device operating on the 2.4GHz frequency will cause interference. Devices such as 2.4GHz cordless phones or other wireless remotes operating on the 2.4GHz frequency can potentially drop the wireless signal. Although the phone may not be in use, the base can still transmit wireless signal. Move the phone's base station as far away as possible from your wireless devices.

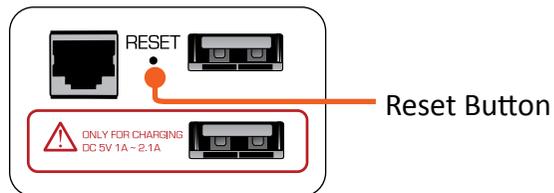
Adjust the wireless power setting on your router if you have more than one wireless network. Covering only the range necessary. Covering more than necessary may cause wireless interference and slow down the networks.



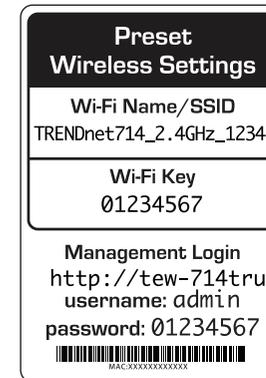
System configuration

System Management and Default Settings

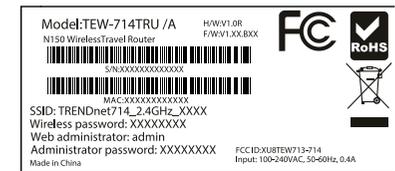
If you have a brand new TEW-714TRU or if you just reset your TEW-714TRU to factory defaults by pressing and holding the reset button for over 2 seconds while it is powered on, your TEW-714TRU has the following settings:



Management IP : 192.168.10.1
 Administrator name : admin
 Administrator password : (printed on device label)
 Default SSID : (printed on device label)
 Default SSID passphrase : (printed on device label)



Preset label
on package



Device label
with preset information

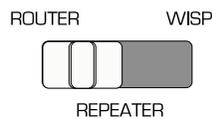
* Instructions on how to login to the web administration page is on page 5

Setup Wizard

The TEW-714TRU has three different setup wizards that switch based on the position of the network mode switch. To use the setup wizard in a certain network mode, push the power button to the "ON" position and the **Network Mode button** to the mode you want.



Router mode - Dynamic IP address (DHCP)



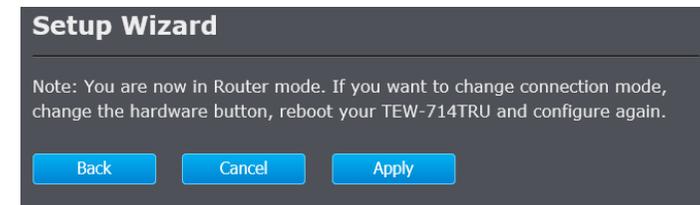
- 1 Click on the **Basic** tab and then the **Wizard** button to enter the Router setup wizard. Read the description and then click **Next**.



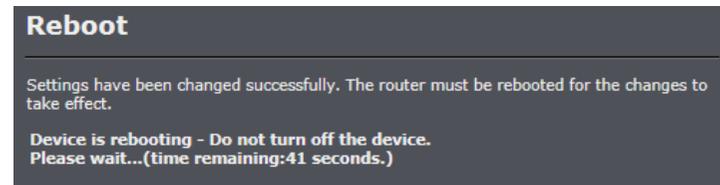
- 2 Select **DHCP** and then click **Next**.



- 3 Click **Apply** to end the wizard.



- 4 The TEW-714TRU will reboot and connect to the Internet.



Router mode - Static Mode (Fixed IP)

- 1 Click on the **Basic** tab and then click **Wizard** button to enter the Router setup wizard. Read the description and then click **Next**.



- 2 Select **Static Mode** and then click **Next**.



- 3 Enter your fixed IP address information.

The screenshot shows the 'Setup Wizard' window with the 'Configure Internet connection (Fixed IP)' section. A note at the top states: 'Note: You are now in Router mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.' Below the note, there is a table with the following fields and values:

IP Address	10.10.10.34
Subnet Mask	255.255.255.0
Default Gateway	10.10.10.1
Primary DNS Server	10.10.10.1
Secondary DNS Server	8.8.8.8

At the bottom of the form, there are 'Back', 'Next', and 'Cancel' buttons.

IP Address : Specify an IP address

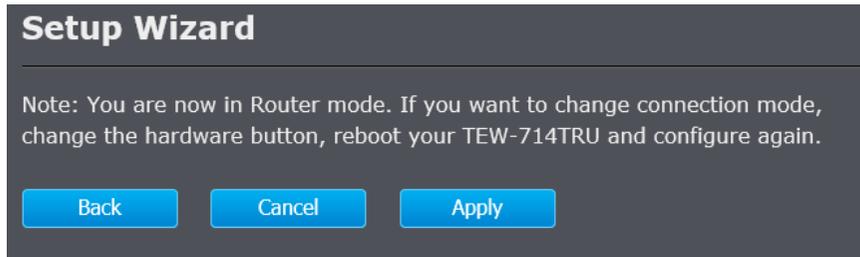
IP Subnet Mask : Specify a subnet mask for the IP address

Default Gateway : Default route for TEW-714TRU

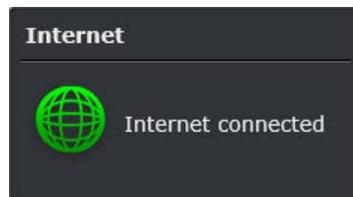
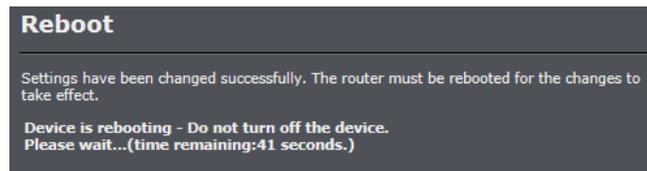
First DNS Address : Primary DNS server address

Second DNS Address : Secondary DNS server address

- Click **Apply** to end the wizard.



- The TEW-714TRU will reboot and connect to the Internet.



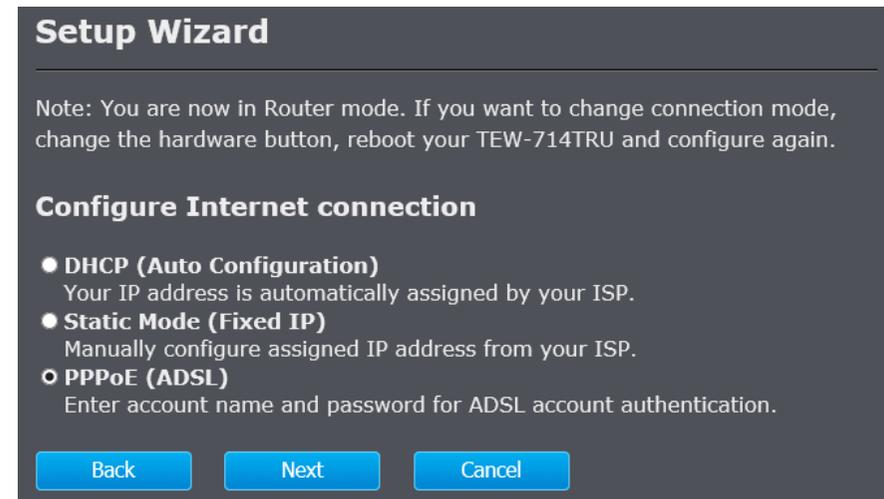
Router mode - PPPoE

If you have a timed ADSL service, you may need to configure PPPoE for network authentication.

- Click the **Basic** tab and then click **Wizard** button to enter to Router setup wizard. Read the description and then click **Next**.



- Select **PPPoE (ADSL)** and then click **Next**.



3 Enter your PPPoE account information.

Setup Wizard

Note: You are now in Router mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

Configure Internet connection (PPPoE)

User Name	<input style="width: 80%;" type="text" value="tndusk867"/>
Password	<input style="width: 80%;" type="password" value="....."/>
Verify Password	<input style="width: 80%;" type="password" value="....."/>
Operation Mode	<div style="display: flex; border: 1px solid #ccc; padding: 2px;"> Keep Alive On Demand </div> <p style="font-size: x-small; margin: 2px 0;">Keep Alive Mode: Redial every (<input style="width: 30px;" type="text" value="60"/>) second(s). On Demand Mode: Idle Timeout (<input style="width: 30px;" type="text" value="5"/>) minutes</p>

Back
Next
Cancel

User Name :	PPPoE account user name
Password :	PPPoE account password
Verify Password :	Enter the same password again to verify that your password was entered correctly.
Operation Mode :	<p><u>Keep Alive Mode:</u> In this mode, the TEW-714TRU will try to connect PPPoE service if the connection was dropped for a period of time. The time interval can be set in following text field. 0 means redial immediately if the connection was dropped. (default: 60 seconds)</p>

On Demand Mode:
 In this mode, TEW-714TRU will try to connect PPPoE service when the traffic is going to the Internet. It will drop the connection after a period of time if there's no traffic going to the Internet. The time interval can be set in following text field. 0 means redial immediately if the connection was dropped. (default: 5 minutes)

3 Click **Apply** to end the wizard.

Setup Wizard

Note: You are now in Router mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

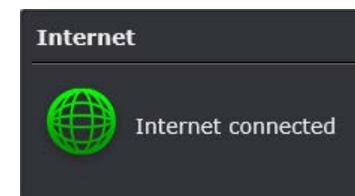
Back
Cancel
Apply

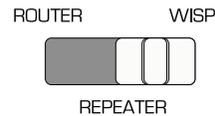
4 The TEW-714TRU will reboot and connect to the Internet.

Reboot

Settings have been changed successfully. The router must be rebooted for the changes to take effect.

Device is rebooting - Do not turn off the device. Please wait...(time remaining:41 seconds.)



WISP mode

- 1 Click on the **Basic** tab and then click **Wizard** button to enter the WISP setup wizard. Read the description and click **Next**.



- 2 Choose **Automatic Setup** to search for available wireless connections automatically. Click **Next**.

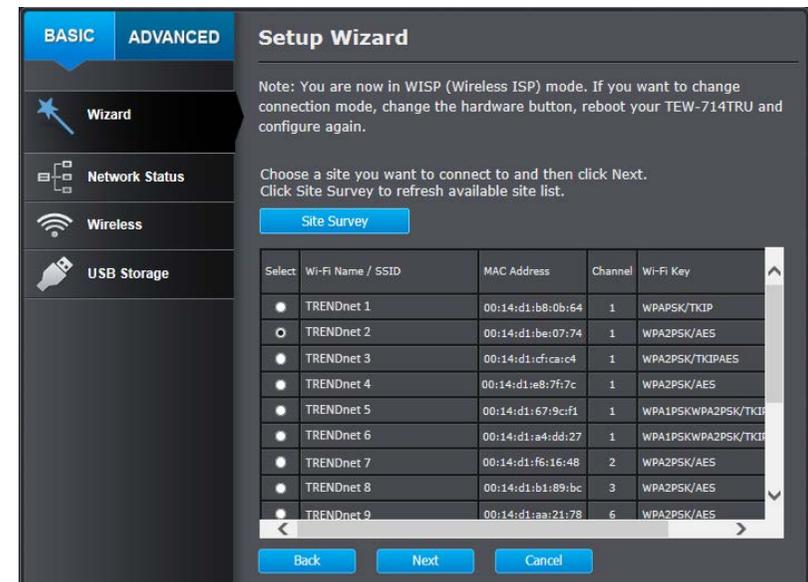


You can choose **Manual Setup** to skip site survey. Choose this option if you have a hidden SSID that isn't broadcasting. Click **Next** and skip the next step, then go to step 4.



- 3 Choose the wireless network you want to join in. Click **Select** on the row, then click **Next**

If you don't see the wireless network you want to join, click **Site Survey** to search the network again. Or, you can skip this step and enter your network information manually.



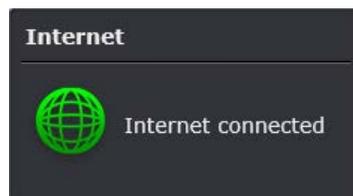
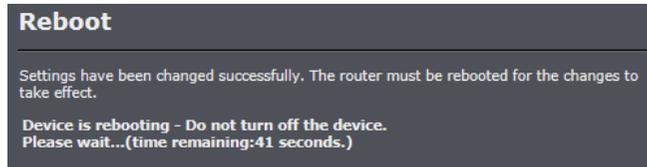
- 4 Enter the **Wi-Fi key** for your wireless Internet connection and then click **Apply**.

The screenshot shows the 'Setup Wizard' interface with the 'BASIC' tab selected. The 'Wizard' button is highlighted. The 'Wireless' section is active, showing the following fields:

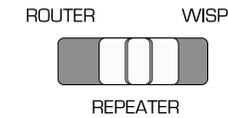
- Wi-Fi Name / SSID: myRouter
- Channel (Optional): 8
- MAC Address (Optional): 00:14:d1:aa:21:78
- Wi-Fi Security Mode: WPA2-PSK
- Security Mode: AES
- Wi-Fi Key: [masked] Show Key

Buttons at the bottom include 'Back', 'Cancel', and 'Apply'.

- 5 The TEW-714TRU will reboot and connect to the Internet.



Repeater mode



- 1 Click the **Basic** tab and then click **Wizard** button to enter Repeater setup wizard. Read the description and then click **Next**.

The screenshot shows the 'Setup Wizard' interface with the 'BASIC' tab selected. The 'Wizard' button is highlighted. The 'Wireless' section is active, showing the following text:

Note: You are now in Repeater mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

Repeater:
The device Will extend another AP or wireless router signal coverage, and ethernet and wireless interfaces are bridged into a single bridge interface.

Buttons at the bottom include 'Next' and 'Cancel'.

- 2 Choose **Automatic Setup** to search for available wireless connections automatically. Click **Next**.

The screenshot shows the 'Setup Wizard' interface with the 'BASIC' tab selected. The 'Wireless' section is active, showing the following text:

Note: You are now in Repeater mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

- Automatic Setup:**
Perform a site survey and connect to detected wireless networks.
- Manual Setup:**
Manually setup your wireless network connection.

Buttons at the bottom include 'Back', 'Next', and 'Cancel'.

You can choose **Manual Setup** to skip site survey. Choose this option if you have a hidden SSID that isn't broadcasting. Click **Next** and skip next step, then go to step 4.

Setup Wizard

Note: You are now in Repeater mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

- Automatic Setup:**
Perform a site survey and connect to detected wireless networks.
- Manual Setup:**
Manually setup your wireless network connection.

- Choose the wireless network you want to join. Click **Select** on the row, then click **Next**

If you don't see the wireless network you want to join, click **Site Survey** to search the network again. Or, you can skip this step and enter your network information manually.

Setup Wizard

Note: You are now in Repeater mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

Choose a site you want to connect to and then click Next. Click Site Survey to refresh available site list.

Select	Wi-Fi Name / SSID	MAC Address	Channel	Wi-Fi Key
<input checked="" type="radio"/>	TRENDnet 1	00:14:d1:b8:0b:64	1	WPA2PSK/TKIP
<input type="radio"/>	TRENDnet 2	00:14:d1:be:07:74	1	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 3	00:14:d1:cf:ca:c4	1	WPA2PSK/TKIPAES
<input checked="" type="radio"/>	TRENDnet 4	00:14:d1:e8:7f:7c	1	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 5	00:14:d1:67:9c:f1	1	WPA1PSKWPA2PSK/TKIP
<input checked="" type="radio"/>	TRENDnet 6	00:14:d1:a4:dd:27	1	WPA1PSKWPA2PSK/TKIP
<input checked="" type="radio"/>	TRENDnet 7	00:14:d1:f6:16:48	2	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 8	00:14:d1:b1:89:bc	3	WPA2PSK/AES
<input checked="" type="radio"/>	TRENDnet 9	00:14:d1:aa:21:78	6	WPA2PSK/AES

- Enter the **Wi-Fi key** for your wireless Internet connection and then click **Apply**.

Setup Wizard

Note: You are now in Repeater mode. If you want to change connection mode, change the hardware button, reboot your TEW-714TRU and configure again.

Wi-Fi Name / SSID	<input type="text" value="myRouter"/>
Channel (Optional)	<input type="text" value="6"/>
MAC Address (Optional)	<input type="text" value="00:14:d1:aa:21:78"/>
Wi-Fi Security Mode	WPA2-PSK ▾
Security Mode	AES ▾
Wi-Fi Key	<input type="password" value="*****"/> Show Key

- The TEW-714TRU will reboot and the router is setup properly

Reboot

Settings have been changed successfully. The router must be rebooted for the changes to take effect.

Device is rebooting - Do not turn off the device.
Please wait...(time remaining:41 seconds.)

Basic Network Status

This page shows the TEW-714TRU's basic information. The status is automatically updated every few seconds.

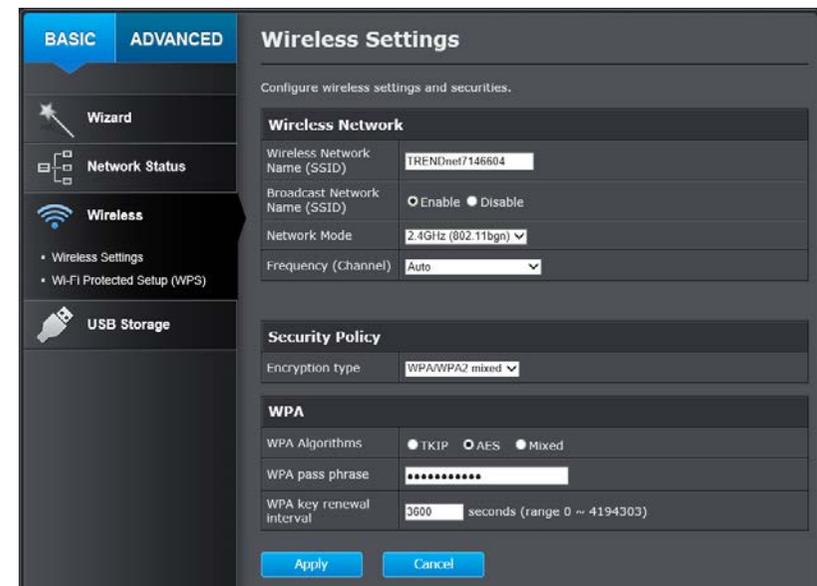


Internet :	Globe in orange	No Internet connection
	Globe in green	Internet connected
USB Storage :	USB in orange	No USB Storage
	USB in green	USB Storage detected
Operation Mode :	Shows which one of the 3 modes, Router, Repeater, or WISP, is running now	
Wireless :	Shows current wireless name (SSID) and encryption type.	
Connected Devices :	Shows how many and what devices are connected to the TEW-714TRU. The label shows the MAC address of each device.	

Basic Wireless Network

Wireless Settings

Set up your wireless name, channel and security settings in this page. Select the SSID you want to set up, change the value and then click **Apply** to commit the changes. Enabling security prevents any unauthorized wireless clients from connecting to your network.

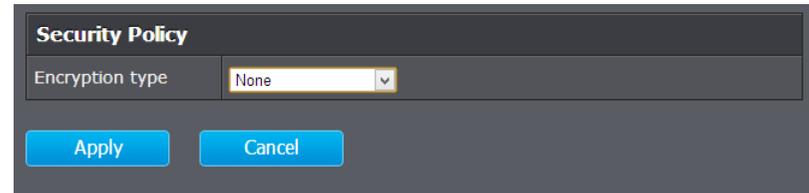


Wireless Network	
Wireless Network Name (SSID) :	Enter your wireless network name here.

<p>Broadcast Radio Name (SSID):</p>	<p>Select Enable or Disable button. This is the SSID broadcast feature. When this option is set to Enable, your wireless network name is broadcast to anyone within wireless signal range. When this is disabled, you must enter the Wireless Network Name (SSID) on the client manually to connect to the network.</p>
<p>Network Mode :</p> <div data-bbox="178 528 410 655" style="border: 1px solid black; padding: 2px;"> <p>2.4GHz (802.11b) 2.4GHz (802.11g) 2.4GHz (802.11bg) 2.4GHz (802.11n) 2.4GHz (802.11bgn)</p> </div>	<p>Choose between N only, G only, B only, BG mixed, or BGN mixed mode. The rule of the thumb is choose single mode if your devices all works in the same mode. Mixed mode increases compatibility, but sometimes lowers the transmission speed.</p>
<p>Frequency (Channel) :</p> <div data-bbox="178 783 410 1046" style="border: 1px solid black; padding: 2px;"> <p>Auto 2412MHz (Channel 1) 2417MHz (Channel 2) 2422MHz (Channel 3) 2427MHz (Channel 4) 2432MHz (Channel 5) 2437MHz (Channel 6) 2442MHz (Channel 7) 2447MHz (Channel 8) 2452MHz (Channel 9) 2457MHz (Channel 10) 2462MHz (Channel 11)</p> </div>	<p>If you experience wireless interference and want to setup fixed channel, choose a channel number to switch your radio frequency. Otherwise, use auto which is set by default.</p> <p>US: Channel 1 - 11 Euro: Channel 1 - 13</p>
<p>Security Policy :</p> <div data-bbox="178 1134 410 1281" style="border: 1px solid black; padding: 2px;"> <p>None WEP WPA WPA2 WPA/WPA2 mixed</p> </div>	<p>Choose between disable, WEP, WPA, WPA2 or mixed WPA and WPA2 for your wireless security.</p>

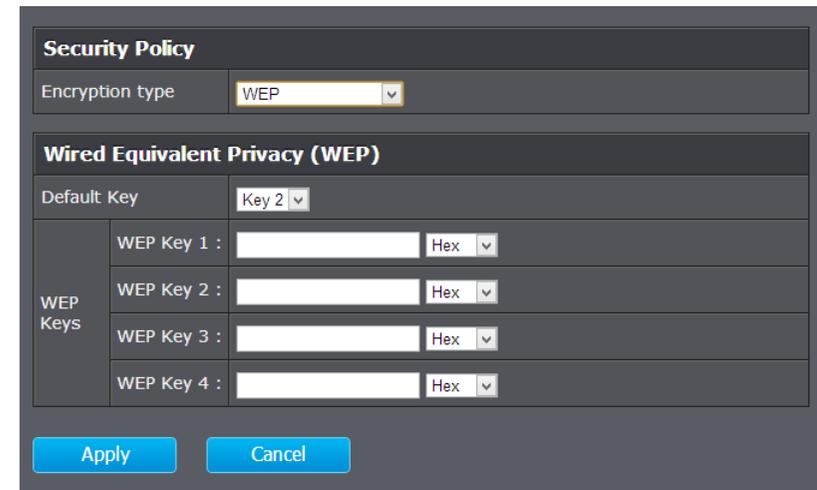
None

No wireless security. Anyone can access the TEW-714TRU and Internet without password.



WEP

This is a minimum and legacy wireless security. Some legacy wireless products work only up to WEP encryption.



Default Key :	You may choose one of your 4 different WEP keys from below
Encryption Key 1-4 :	You may enter four different WEP keys. Select a key type from the drop-down list. Keys are defined by entering in a string in HEX (hexadecimal - using characters 0-9, A-F) or ASCII (American Standard Code for Information Interchange - alphanumeric characters) format. ASCII format is provided so you can enter a string that is easier to remember

WPA, WPA2, Mixed WPA and WPA2

WPA2 is currently the most advanced wireless encryption. Choose this option if all of your devices support WPA2. Otherwise choose WPA or WPA & WPA2 mixed

Security Policy

Encryption type: WPA

WPA

WPA Algorithms: TKIP AES Mixed

WPA pass phrase:

WPA key renewal interval: 3600 seconds (range 0 ~ 4194303)

Apply Cancel

WPA Algorithm :	Select TKIP, AES, or Mixed. This is the encryption algorithm used to secure data communication. TKIP (Temporal Key Integrity Protocol) provides per-packet key generation and is based on WEP. AES (Advanced Encryption Standard) is a very secure block based encryption. Note that, if the bridge uses the AES option, the bridge can associate with the access point only if the access point is also set to use only AES.
WPA pass phrase :	The pass-phrase is up to 63 alphanumeric characters in ASCII (American Standard Code for Information Interchange) format at both ends of the wireless connection. It cannot be shorter than eight characters, although for proper security it needs to be of ample length and should not be a commonly known phrase. This phrase is used to generate session keys that are unique for each wireless client
WPA key renewal interval :	Specify how often the wireless key should be renegotiated. Shorter time intervals are more secure, but cause more overhead.(default: 3600 seconds/ 1 hour)

WPS

WPS is the simplest way to connect a wireless client to the TEW-714TRU. You don't have to select the encryption mode and fill in a long encryption passphrase every time you try to setup a wireless connection. You only need to press a button on both the wireless client and the TEW-714TRU, and the WPS will do the rest for you.

WPS Config

Configure Wi-Fi Protected Setup (WPS), push-button or PIN method, to easily secure your wireless network.

WPS Config

WPS:

WPS Summary

WPS Current Status:	Idle
WPS Configured:	Yes
WPS SSID:	TRENDnet7146604
WPS Auth Mode:	WPA/WPA2
WPS Encryption Type:	AES
WPS Default Key Index:	2
AP PIN:	00261166 <input type="button" value="Generate"/>

WPS Progress

WPS Mode PIN PBC (Push Button Configuration)

PIN

WPS Status

WSC:Idle

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WPS Config

Choose **Enable** or **Disable** and then click **Apply** to enable or disable WPS functionality. The default setup is enabled.

WPS Summary

This summary shows WPS settings of TEW-714TRU. You can generate a new AP PIN by click **Generate**. Or, you can click **Reset** to change the WPS settings back to default.

WPS Progress

The TEW-714TRU supports two types of WPS: WPS via Push Button and WPS via PIN code. If you want to use the **Push Button**, you have to push a specific button on the wireless client or in the utility of the wireless client to start the WPS pairing. Make sure you select **Push Button Configuration**, and then click the **Apply** button in this section to start WPS pairing.

If you want to use the PIN code, you have to know the PIN code of the wireless client and switch it to WPS mode, then fill-in the PIN code of the wireless client in the **PIN** text field. Select **PIN** and then click **Apply**.

WPS Status

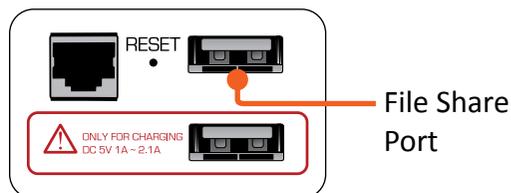
The WPS status window shows the WPS actions the TEW-714TRU is taking. It's shown here for trouble shooting purpose.

File Sharing

Simply plug in your flash drive to the File Share Port, and you can create an instant file sharing folder between your devices.



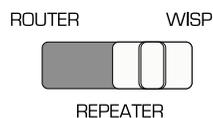
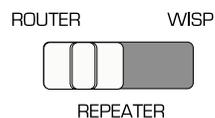
Only File Share Port (the upper one) works for file sharing. The other USB port does not work with file sharing. To connect to multiple flash drives, You can plug in a USB HUB to File Share Port and connect your flash drives to the USB HUB.



File Share Port



File sharing works only in Router mode or WISP mode. You can hardly tell when you are connecting to your TEW-714TRU and when you are connecting to access point. So, the file sharing is not working in Repeater mode.



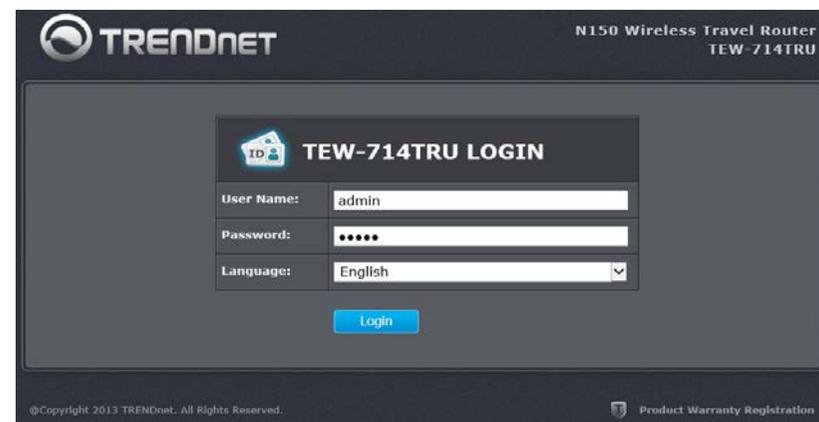
Plug in your flash device to the File Share Port

Access folder through web browser

- 1 Make sure you are connecting to the TEW-714TRU correctly
- 2 Open a web browser and enter **http://TEW-714TRU** or the host name that you setup in to access administration page.



If you have a static IP set on your PC, please open a web browser and enter **http://192.168.10.1** The TEW-714TRU login page will appear.

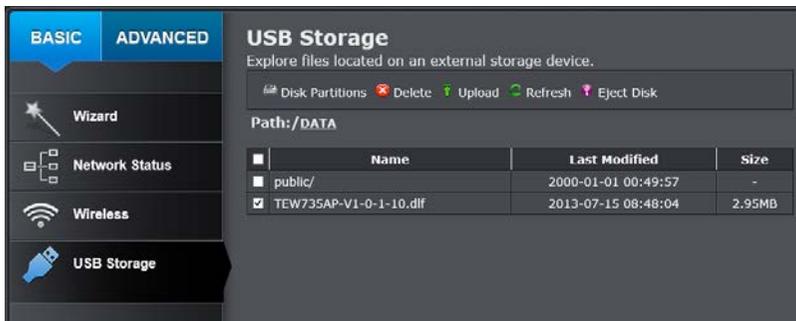


Enter login information (You can setup up to four accounts for file sharing. If you didn't setup any other user before, log in as an administrator. The default administrator name is "admin")

- 3** Click on the **Basic** tab and then click **USB Storage**. Plug in your USB flash drive if you have not plugged it in yet.



- 2** The TEW-714TRU will recognize the USB storage in a couple of seconds. Reload your web page to access your files.



Navigate through folders: Click on the folder name to get to the sub folder you want to go. Click the parent directory by clicking the folder name in the **Path**.

Open a file: Click on the file name and the file will be opened in browser.

Download a file: Right-click on the file name. Then click on **Save target as ...** to save the file on your computer.

Disk partition:	If you have more than one flash drive to connect to the File Share Port through USB HUB, you can change the drive location by clicking Disk Partition
Delete file:	Select the file by checking the box in front of the file name. (If you want to select all files, check the box in the first row.) Then click Delete
Upload file:	Click Upload , then choose the file you want to upload and click OK .
Refresh:	Click Refresh , the file list will be refreshed immediately.
Eject Disk:	Before you remove the flash drive from the USB port, please click Eject Disk . Wait for the TEW-714TRU release USB storage device.

Access files through Windows file sharing (CIFS)

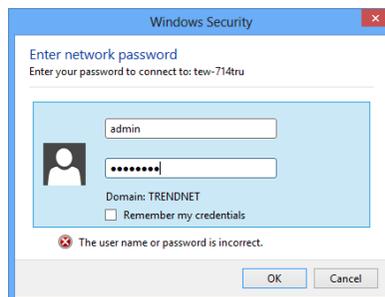
If you just change the user information. Please power cycle your TEW-714TRU to make file system recognize the new user privileges.

For Windows system:

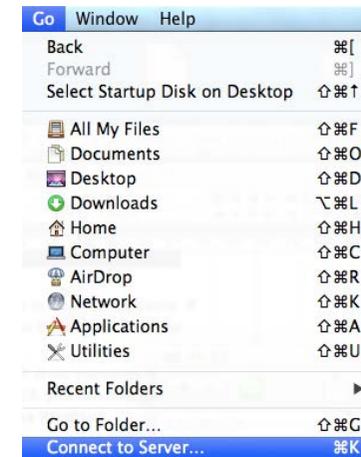
- 1 Open your File Explorer
- 2 Enter two backward slashes followed by the TEW-714TRU's host name in the directory field. The default host name is TEW-714TRU. With the default host name, enter **\\tew-714tru** (case insensitive)



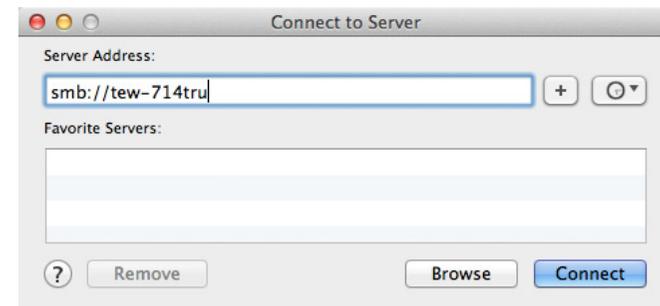
- 3 Login with one of the user account, (The default administrator user name is "admin" and the password is printed on the preset label and the device label. Please reference "User Settings" on page 37 for more details on user account settings.)

**For OS X systems:**

- 1 Open the Finder
- 2 Click Go > Connect to server or press command + K hot key



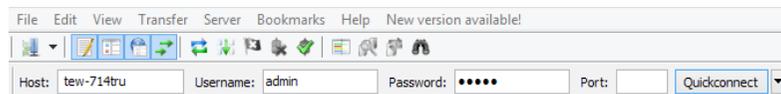
- 3 Enter smb:// followed by the TEW-714TRU host name in the directory field. The default host name is TEW-714TRU. With the default host name, please enter enter **smb://tew-714tru** (case insensitive). Then click **Connect** to connect to TEW-714TRU's USB storage.



- 4** Login with one of the user account, (The default administrator user name is “admin” and the password is printed on the preset label and the device label. Please reference “User Settings” on page 37 for more details on user account settings.)

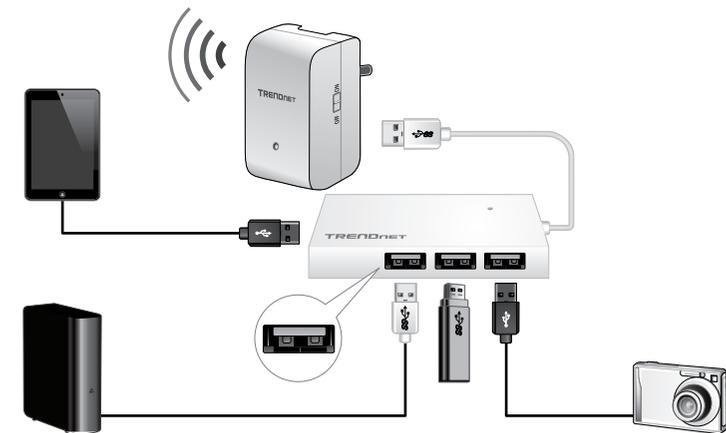
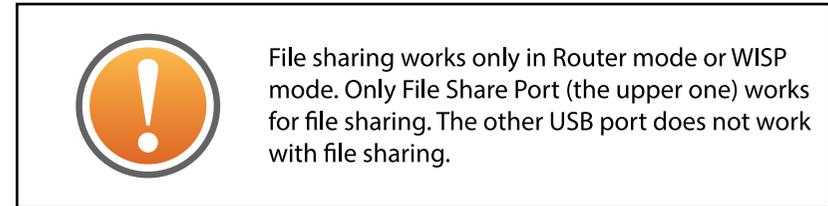
Access files through File Transmission Protocol (FTP)

Enter your host name as the FTP server address and enter your user information to connect to TEW-714TRU USB storage. The default host name is TEW-714TRU. With the default host name, please enter **tew-714tru** (case insensitive) as the host name. Enter one of the user name and password to login to FTP. (The default administrator user name is “admin” and the password is printed on the preset label and the device label. Please reference “User Settings” on page 37 for more details on user account settings.)

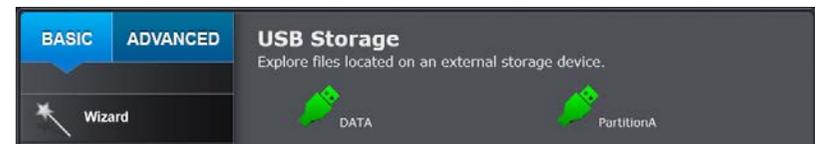


More than one USB storage device

- 1** You can connect more than one USB storage device to the TEW-714TRU File Share Port by expanding USB ports with a USB HUB.



- 2** The USB storage page will show different devices as different partitions.



Advanced Settings

Administrator

Router Status

This page shows the TEW-714TRU's detailed working status

Router Status

This page shows the current status and some basic settings of the device.

System	
System Up Time	51 mins,45 secs
Firmware Version	1.01
Build Time	Jul 6 2013

Wireless	
Mode	AP
Band	11b/g/n mixed mode
SSID	TRENDnet7146604
Channel Number	Auto
Encryption	WPAPSKWPA2PSK
BSSID	00:13:64:00:66:04

Internet	
Attain IP Protocol	DHCP
IP Address	10.10.10.5
Subnet Mask	255.255.255.0
Default Gateway	10.10.10.254
MAC Address	00:13:64:00:66:06

System	
System Up Time :	The time counting from system start up.
Firmware version :	firmware version
Build Time :	When this firmware was build

Wireless	
Mode :	This refers to the wireless operation mode, not the network mode.
Band :	Shows the wireless is working on N only, G only, B only, BG mixed, or BGN mixed mode.
SSID :	Service Set Identifier. This SSID is human readable and performs as ESSID to setup wireless groups.
Channel Number :	Radio channel was set to Auto or fixed number of channel.
Encryption :	Shows what security encryption is.
BSSID :	Basic SSID. This is strictly unique SSID to identify this wireless access point (WAP). It is also the MAC address of the wireless interface.
Internet	
Attain IP Protocol :	TEW-714TRU network mode
IP Address :	IP address on WAN port
Subnet Mask :	Network range of WAN IP address
Default Gateway :	Default route going further from WAN network
MAC Address :	MAC address of WAN port

Time Zone Setting

The Time Zone Setting allows your TEW-714TRU maintain accurate system logs.

NTP Settings	
Current Time :	The time TEW-714TRU currently has. You can click Sync with host to synchronize the TEW-714TRU with your PC.
Time Zone :	Select the time zone of the you are currently in. The TEW-714TRU will set its time based on your selection.
NTP Server :	Specify a time server (NTP server) to synchronize with. (e.g. pool.ntp.org)
NTP synchronization :	What is the time interval TEW-714TRU synchronize the time with NTP server. Default: 6 hours.

Apply : Click this button to apply the change

Cancel : Click this button to abandon the change

Wireless Client List

This page shows all wireless clients connected to this TEW-714TRU.

MAC Address :	List the MAC address of wireless client
AID :	Association ID. A unique association number assigned by TEW-714TRU
PSM :	Power Saving Mode. 1 : client power saving mode enabled 0 : client power saving mode disabled
MIMO PS:	MIMO Power saving mode
MCS :	Modulation and Coding Scheme (0 - 7)
BW :	Wireless Channel Bandwidth (20 or 40 MHz)
SGI :	Short Guard Interval
STBC :	Space-time block code

System Log

This page allows users to view a running log of the TEW-714TRU's events and activities.

Clear : Click this button to clear up the log

Refresh : Click this button to refresh the log

Statistics

This page allows users to view system performance with key statistic numbers.

TEW-714TRU system statistics information.	
Memory	
Memory total:	28120 kB
Memory left:	5552 kB
WAN/LAN	
WAN Rx packets:	555
WAN Rx bytes:	174791
WAN Tx packets:	208
WAN Tx bytes:	29712
LAN Rx packets:	4303
LAN Rx bytes:	556350
LAN Tx packets:	5627
LAN Tx bytes:	4039602
All Interfaces	
Name	eth2
Rx Packet	558
Rx Byte	183165
Tx Packet	4298
Tx Byte	1149322
Name	lo
Rx Packet	70
Rx Byte	11255
Tx Packet	70
Tx Byte	11255
Name	ra0
Rx Packet	168729
Rx Byte	40306049
Tx Packet	15357
Tx Byte	10336281
Name	eth2.1
Rx Packet	0
Rx Byte	0
Tx Packet	2127
Tx Byte	635320
Name	eth2.2
Rx Packet	555
Rx Byte	174791
Tx Packet	208
Tx Byte	29712
Name	br0
Rx Packet	4304
Rx Byte	556390
Tx Packet	5628
Tx Byte	4041067

User Settings

There are 4 user accounts with 3 levels of privileges setup in the TEW-714TRU.

The account on first row is preset as the default administrator. It cannot be disabled and its privileges can not be changed. However, you can change the login user name and password for this account.

Three other accounts are available for router access and file sharing. They are disabled by default. Select the account you want and change the name, password, privileges and account enable/disable status. Then click **Apply**. The account settings will take effect immediately.



Please power cycle your TEW-714TRU to make file system recognize the new user privileges.

BASIC
ADVANCED

Administrator

- Router Status
- Time Settings
- Wireless Client List
- System Log
- Statistics
- User Settings
- System

Setup

Wireless

Create and define user's and privileges.

Admin: Full administrative access to modify all settings and read/write access to attached storage devices.
 Power: View basic settings with read/write access to attached storage devices.
 Guest: View basic settings with read only access to attached storage devices.

Username	Privilege	Edit	Status
admin	Admin	<input checked="" type="radio"/>	Enable
user	Power	<input type="radio"/>	Enable
guest1	Guest	<input checked="" type="radio"/>	Enable
guest2	Guest	<input checked="" type="radio"/>	Enable

User Settings

Account:

Password:

Privilege: Guest Power Admin

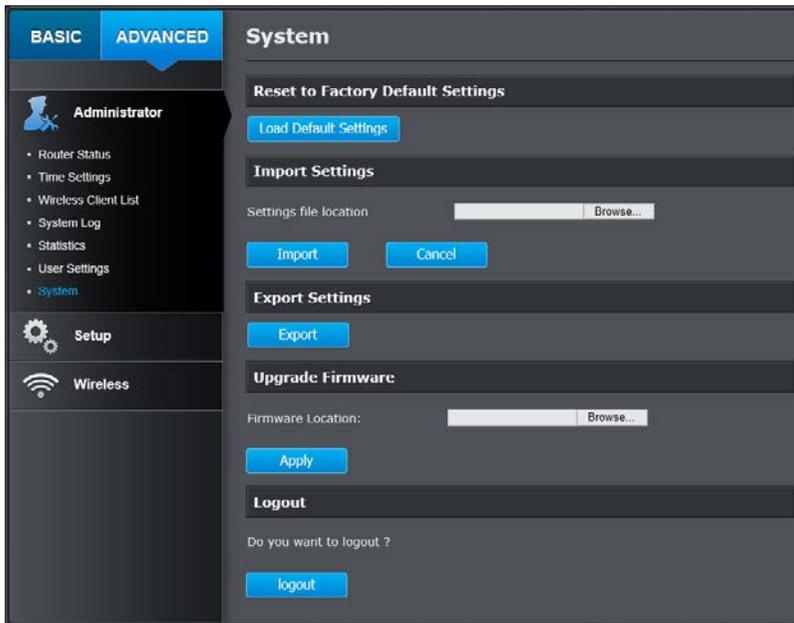
Status: Disable Enable

3 Privileges

Administrator:	Full administrative access to modify all TEW-714TRU settings and read/write access to attached storage devices
Power user:	View, not edit, the TEW-714TRU's basic settings with read/write access to attached storage devices
Guest:	View, not edit, basic TEW-714TRU settings with read only access to attached storage devices

System

This page allows you to do basic system management, upgrade firmware, restart system and reload factory defaults.



Reset to Factory Default

Click **Load Default Settings** to reload factory defaults to the TEW-714TRU. Always load factory defaults after you upgrade to a new firmware.

Import Settings / Export Settings

Click **Export** to save your TEW-714TRU system settings. Choose a previous saved file by clicking **Select File** and then click **Import** to load your previous settings.

Upgrade Firmware

TRENDnet may periodically release firmware upgrades that might add features or fix problems associated with your TRENDnet model and version. To find out if there is a firmware upgrade available for your device, please check your TRENDnet model and version using the link.

<http://www.trendnet.com/downloads/>

1. If a firmware upgrade is available, download the firmware to your computer.
2. Unzip the file to a folder on your computer.
3. Log into the TEW-714TRU
4. Click on **Advanced** and then **System**
5. Click **Browse...** and navigate to the folder on your computer in which the unzipped firmware file (.bin) is.
6. Located and select it the firmware file.
7. Click **Apply**.
8. After system reboot, comeback to the same page reset your settings to default again.

Import Settings / Export Settings

Click Logout to leave the web management page.

Advanced Setups

LAN Settings

BASIC **ADVANCED** **LAN Settings**

Configure Local Area Network (LAN) and DHCP settings.

Hostname	TEW-714TRU
IP Address	192.168.10.1
Subnet Mask	255.255.255.0
MAC Address	00:13:64:00:66:02
DHCP Type	Server
Start IP Address	192.168.10.129
End IP Address	192.168.10.190
Subnet Mask	255.255.255.0
Primary DNS Server	8.8.8.8
Secondary DNS Server	168.95.1.1
Default Gateway	192.168.10.1
Lease Time	96400

Apply Cancel

Primary DNS Server :	Primary DNS server address
Secondary DNS Server :	Secondary DNS server address
Default Gateway :	Default route for TEW-714TRU
DHCP Lease Time :	How long the assigning IP will be valid

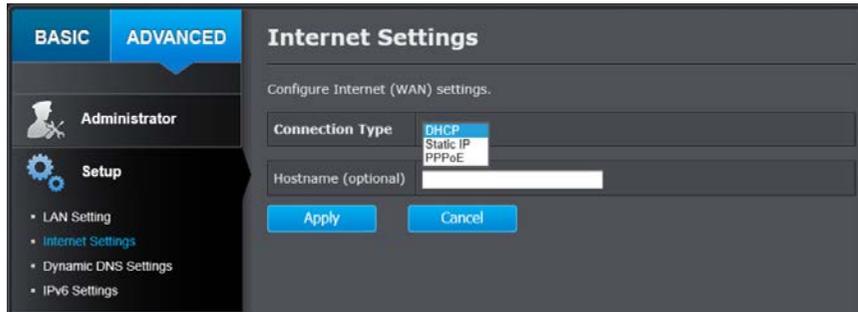
Apply : Click this button to apply the change

Cancel : Click this button to abandon the change

Hostname :	The host name is the name TEW-714TRU's identity on a network. If you change your host name, you have to change the web access or file access directory name.
IP Address :	Specify an IP address
Subnet Mask :	Specify a subnet mask for the IP address
MAC Address :	MAC address of LAN interface
DHCP Type :	Enable or disable DHCP server
DHCP Start IP :	Starting IP address of DHCP pool
DHCP End IP :	Last IP address of DHCP pool
Subnet Mask :	Specify a subnet mask for the IP address

Internet Settings

Setup your Internet access with DHCP, fixed IP or PPPoE

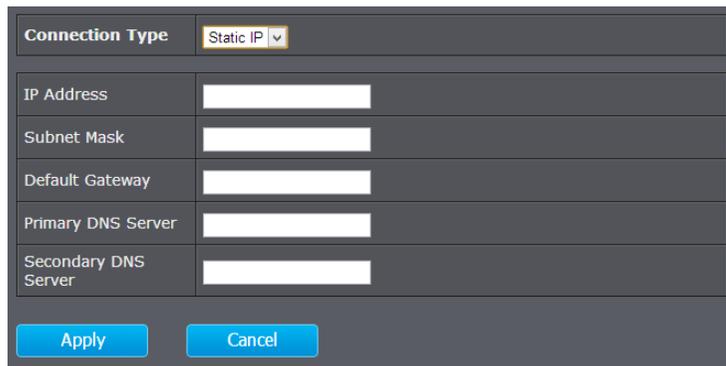


DHCP

Enter the host name (optional) and click **Apply**.



Static Mode (Fixed IP)

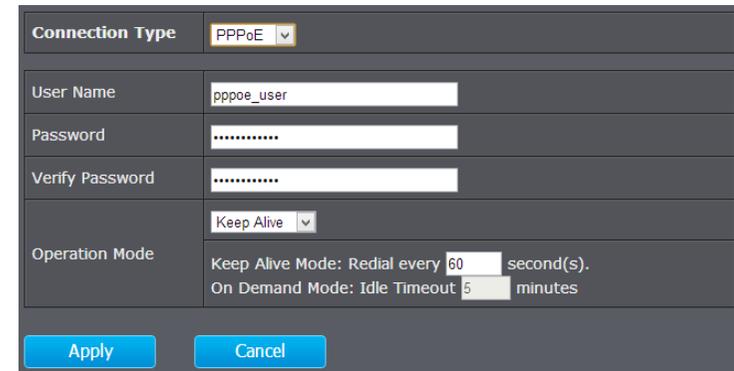


IP Address :	Specify an IP address
Subnet Mask :	Specify a subnet mask for the IP address
Default Gateway :	Default route for TEW-714TRU
Primary DNS Server :	Primary DNS server address
Secondary DNS Server :	Secondary DNS server address

Apply : Click this button to apply the change

Cancel : Click this button to abandon the change

PPPoE (ADSL)



User Name :	PPPoE account user name
Password :	PPPoE account user name
Verify Password :	Enter the same password again to verify your password was entered correctly.

Operation Mode :	<p><u>Keep Alive Mode:</u> With this mode, TEW-714TRU will try to connect PPPoE service if the connection was dropped for a period of time. The time interval can be set in following text field. 0 means redial immediately if the connection was dropped. (default: 60 seconds)</p>
	<p><u>On Demand Mode:</u> With this mode, TEW-714TRU will try to connect PPPoE service when the traffic is going to the Internet. It will drop the connection after a period of time if there's no traffic going to Internet. The time interval can be set in following text field. 0 means redial immediately if the connection was dropped. (default: 5 minutes)</p>

Apply : Click this button to apply the change

Cancel : Click this button to abandon the change

Dynamic DNS Settings

Dynamic DNS setting allows your local services to be found by Internet names. Enter the DDNS service information and then click **Apply**.

Apply : Click this button to apply the change

Cancel : Click this button to abandon the change

IPv6 Settings

The TEW-714TRU can perform IPv6 static routing. Enable IPv6 static routing and enter the routing information.

LAN IP/Prefix :	Specify LAN IPv6 address and its network size
WAN IP/Prefix :	Specify WAN IPv6 address and its network size
Default Gateway :	Default route from LAN to WAN

Advanced Wireless Settings

BASIC **ADVANCED**

Advanced Wireless Settings

Use the Advanced Setup page to make detail changes to your Wireless settings. Advanced Setup includes settings that are not available in the Basic Setup page; such as Beacon Interval, Control Tx Rates, and Basic Data Rates.

Advanced Wireless

Channel BandWidth 20 20/40

20/40 Coexistence Enable Disable

MCS

BG Protection Mode

Beacon Interval ms (range: 20 ~ 999)

Data Beacon Rate (DTIM) ms (range: 1 ~ 255)

Fragment Threshold (range: 256 ~ 2346)

RTS Threshold (range: 1 ~ 2347)

TX Power % (range: 1 ~ 100%)

Short Preamble Enable Disable

Short Slot Enable Disable

Tx Burst Enable Disable

Packet Aggregate Enable Disable

Channel Bandwidth :	Select channel bandwidth for 1) Dynamic select 20 MHz and 40MHz bandwidth or 2) choose 20MHz channels only.
20/40 Coexistence :	Enable or disable 20MHz coexist with 40MHz channel or not.
MCS :	Select different 802.11N Modulation and Coding Scheme (MCS) against particular wireless noise. Or, select auto letting TEW-714TRU select MCSs dynamically.

BG Protection Mode :	Enable BG protection if you have 802.11b and 802.11g clients running at the same time. This protection mode ensures that the router waits long enough for slower protocols.
Beacon Interval :	Beacons are packets sent by a TEW-714TRU to synchronize wireless devices. Specify a Beacon Interval value between 20 and 999. The default value is set to 100 milliseconds.
Data Beacon Rate (DTIM) :	A DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages. When the TEW-714TRU has buffered broadcast or multicast messages for associated clients, it sends the next DTIM with a DTIM Period value. Wireless clients detect the beacons and awaken to receive the broadcast and multicast messages. The default value is 1. Valid settings are between 1 and 255.
Fragment Threshold :	Packets over the specified size will be fragmented in order to improve performance on noisy networks. Specify a value between 256 and 2346. The default value is 2346.
RTS Threshold :	Packets over the specified size will use the RTS/CTS mechanism to maintain performance in noisy networks and preventing hidden nodes from degrading the performance. Specify a value between 0 and 2347. The default value is 2347

TX Power :	Wireless signal transmission power. Set transmission power to appropriate value to avoid wireless interference. The default value is 100%. Valid settings are between 1 and 100 (%).
Short Preamble :	Select a short or long preamble. For optimum performance it is recommended to also configure the client device to the same preamble type.
Short Slot :	Enable Short Slot Time to increase performance if you do not have 802.11b clients
Tx Burst :	Condense transmission in a short period of time or not. It is energy saving to condense transmission, but it may cause jitter or delay in real-time communication.
Packet Aggregate :	Combine short packets and send them together. Enabling packet aggregate will increase data throughput. However, it may cause jitters or delays in real-time communication.

Apply : Click this button to apply the change

Cancel : Click this button to abandon the change

Troubleshooting

Situation: I entered `http://tew-714tru` but I am not able to access the unit. What should I do?

Solution:

Please enter the default IP address (192.168.10.1) to login.

Proceed following steps:

1. Turn the TEW-714TRU's power switch on.
2. Reset the device to factory default settings by pushing the reset button for 2 seconds.
3. Make sure you have a good wireless connection to the default SSID: TRENDnet714_2.4GHz_XXXX printed on device label.
4. Make sure your laptop/PC does not join to any domain
5. Open a browser and enter `http://tew-714tru` (The leading **http://** has to be entered to resolve the host name)

Situation: How do I reset the device to factory default?

Solution:

1. Use a pin such as a staple to press and hold the reset button at the bottom of the TEW-714TRU for 2 seconds.
2. You can also reset from the management page.

Situation: I entered `http://192.168.10.1` but I am not able to access the unit. What should I do?

Solution:

1. Turn the TEW-714TRU's switch on.
2. Reset the device to factory default settings by pushing the reset button for 2 seconds.
3. Make sure you have a good wireless connection to the default SSID: TRENDnet714_2.4GHz_XXXX printed on device label.
4. Make sure your computer has no other network connections. For example, disconnect your Ethernet cable.
5. Open a browser and enter `http://192.168.10.1`

Situation: How do I make sure my unit is connected to a router/AP?

Solution:

The LED will turn solid green when the TEW-714TRU is successfully connected to a router/AP.

Situation: How can I access the TEW-714TRU once it is setup?

Solution:

You can use its host name (`http://tew-714tru`) or IP address to access the TEW-714TRU. When setup in repeater mode, the TEW-714TRU will get an IP address from your router (DHCP). Check the DHCP client list on your router if you want to access the TEW-714TRU with its IP address.

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.

**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 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC, 2006/95/EC and 2009/125/EC.. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC, 2006/95/EC and 2009/125/EC:

EC No. 278/2009

EN 60950-1:2006+A11:2009+A1:2010+A12:2011

IEC 60950-1:2005 (2nd Edition) Am 1:2009

Safety of Information Technology Equipment

EN 62311:2008

Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110MHz - 40 GHz) - General public

EN 300 328 V1.8.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

EN 301 489-1 V1.9.2

Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-17 V2.2.1

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.



RoHS

This product is RoHS compliant.



 Český [Czech]	TRENDnet tímto prohlašuje, že tento TEW-714TRU je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES, 2006/95/ES, a 2009/125/ES.
 Dansk [Danish]	Undertegnede TRENDnet erklærer herved, at følgende udstyr TEW-714TRU overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF, 2006/95/EF, og 2009/125/EF.
 Deutsch [German]	Hiermit erklärt TRENDnet, dass sich das Gerät TEW-714TRU in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG, 2006/95/EG und 2009/125/EG befindet.
 Eesti [Estonian]	Käesolevaga kinnitab TRENDnet seadme TEW-714TRU vastavust direktiivi 1999/5/EÜ, 2006/95/EÜ ja 2009/125/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
 English	Hereby, TRENDnet, declares that this TEW-714TRU is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, 2006/95/EC, and 2009/125/EC.
 Español [Spanish]	Por medio de la presente TRENDnet declara que el TEW-714TRU cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE, 2006/95/CE, 2009/125/CE y.
 Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ TRENDnet ΔΗΛΩΝΕΙ ΟΤΙ ΤΕW-714TRU ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ, 2006/95/ΕΚ, 2009/125/ΕΚ κ.α.λ.
 Français [French]	Par la présente TRENDnet déclare que l'appareil TEW-714TRU est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE, 2006/95/CE, 2009/125/CE et.
 Italiano [Italian]	Con la presente TRENDnet dichiara che questo TEW-714TRU è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE, 2006/95/CE e 2009/125/CE.
 Latvīski [Latvian]	Ar šo TRENDnet deklarē, ka TEW-714TRU atbilst Direktīvas 1999/5/EK, 2006/95/EK, un 2009/125/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
 Lietuvių [Lithuanian]	Šiuo TRENDnet deklaruoja, kad šis TEW-714TRU atitinka esminius reikalavimus ir kitas 1999/5/EB, 2006/95/EB ir 2009/125/EB Direktyvos nuostatas.

 Nederlands [Dutch]	Hierbij verklaart TRENDnet dat het toestel TEW-714TRU in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG, 2006/95/EG, en 2009/125/EG.
 Malti [Maltese]	Hawnhekk, TRENDnet, jiddikjara li dan TEW-714TRU jikkonforma mal-ftigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/KE, 2006/95/KE, u 2009/125/KE.
 Magyar [Hungarian]	Alulírott, TRENDnet nyilatkozom, hogy a TEW-714TRU megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EK irányelv, a 2006/95/EK és a 2009/125/EK irányelv egyéb előírásainak.
 Polski [Polish]	Niniejszym TRENDnet oświadcza, że TEW-714TRU jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/WE, 2006/95/WE i 2009/125/WE.
 Português [Portuguese]	TRENDnet declara que este TEW-714TRU está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE, 2006/95/CE e 2009/125/CE.
 Slovensko [Slovenian]	TRENDnet izjavlja, da je ta TEW-714TRU v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES, 2006/95/ES, a 2009/125/ES.
 Slovensky [Slovak]	TRENDnet týmto vyhlasuje, že TEW-714TRU spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/EF.
 Suomi [Finnish]	TRENDnet vakuuttaa täten että TEW-714TRU tyyppinen laite on direktiivin 1999/5/EY, 2006/95/EY ja 2009/125/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
 Svenska [Swedish]	Härmed intygar TRENDnet att denna TEW-714TRU står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG, 2006/95/EG och 2009/125/EG.

Limited Warranty

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- TEW-714TRU – 3 Years Warranty

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

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