

1. Before You Start

Package Contents

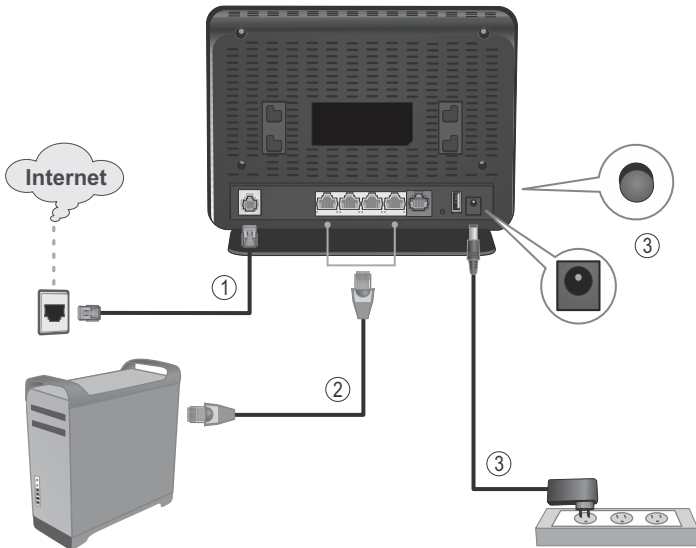
- TEW-816DRM
- Quick Installation Guide
- CD-ROM (User's guide)
- Power adapter (12V DC, 1A)
- Network cable (1.5 m / 5 ft.)
- RJ-11 telephone cable (1.8 m / 5.4 ft)

Minimum requirements

- A computer with a wired or wireless network adapter and web browser Broadband internet
- VDSL or ADSL internet from an Internet Service Provider

2. Installation

1. Connect the RJ-11 telephone cable to the TEW-816DRM modem's VDSL/ADSL port, then into a phone jack.
2. Connect your computer's network port to one of the modem's LAN ports.
3. Connect the power adapter to the modem, and then to a power outlet. Push the power switch to the **ON** position.

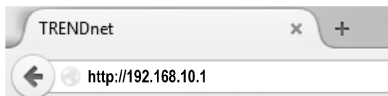


4. To confirm that the device is fully functional, verify that the status LED indicators on the front of the modem are lit: **Power** (Green), **DSL** (Green), **Wireless** (Green) and the LAN port (1, 2, 3, 4) your computer is connected (Green).

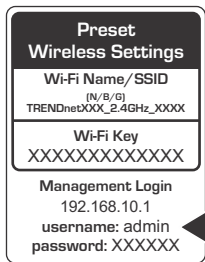
3. VDSL Setup

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

1. Open your web browser, type `http://192.168.10.1` into the address bar of your web browser, and press enter.



2. Log in using default **Username** and **Password** located on the front sticker or the label on the back of the modem.

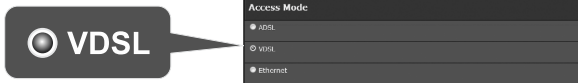
A screenshot of the login page for the TEW-816DRM modem. The page title is 'Login to the TEW-816DRM'. It has three input fields: 'Username', 'Password', and 'Language' (set to 'English'). There is a 'Login' button at the bottom.

3. Once you are logged in, click **Setup**, and then click **Setup Wizard** to start configuring the modem.

Note: In the example below, we will be configuring a VDSL connection type with PPPoE connection type. If you are unsure of your connection type, contact your Internet Service Provider.



4. Select the Internet connection mode you would like to configure, and click **Next** to continue.



5. Select the Internet connection type to configure, and click **Next**. PPPoE is selected because it's a common type. Confirm your connection type with your ISP.

PPPoE (RFC-2516 PPP over Ethernet)



6. Select your country and the Internet Service Provider (if your ISP is not listed select other). Then enter your assigned PPPoE Username and Password from your ISP. Click **Next** to continue.

Country :	United States
Internet Service Provider :	ATT
WAN Mode :	DSL
DSL Mode :	ATM
Protocol :	PPPoE
802.1Q VLAN ID :	0 (0 = disable, 1 - 4094)
Encapsulation Mode :	LLC
VPI :	0 (0-255)
VCI :	35 (32-65535)

PPPoE/PPPoA

Please enter your Username and Password as provided by your ISP (Internet Service Provider). Please enter the information exactly as shown taking note of upper and lower cases. Click "Next" to continue.

Username :	<input type="text"/>
Password :	<input type="password"/>
Confirm Password :	<input type="password"/>

7. Review your settings and click **Finish** to complete installation.

Setup Summary	
Below is a detailed summary of your settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.	
Time Settings :	1
NTP Server 1 :	XXXXXXXXXXXX
NTP Server 2 :	XXXXXXXXXXXX
Time Zone :	PST

8. Verify that the following status lights are on: **DSL** (Green) and **Internet** (Green).

9. Open a web browser and enter a web address (for example, www.trendnet.com) to verify that you have Internet connection.

10. Installation of your **TEW-816DRM** router is now complete!

Note:

- ① We have pre-encrypted the TEW-816DRM with a unique WI-FI Name (SSID) and Wi-Fi Password. You can find these pre-configured settings on the label on the back of the modem. You will use this information to connect wireless devices to the modem. To change the Wi-Fi Key, refer to the product manual. If the modem is reset the Wi-Fi Password key and the Wi-Fi Name will also reset to factory defaults.
- ② To log back in to the modem's management page, you will need to know the modem's user name and password. You can find the default user name and password on the label on the bottom of the modem.

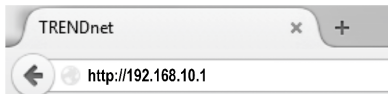
Preset Wireless Settings

Wi-Fi Name/SSID <small>(N/B/G)</small> TRENDnetXXX_2.4GHz_XXXX	← ①
Wi-Fi Key XXXXXXXXXXXXXXXX	←
Management Login 192.168.10.1 username: admin password: XXXXXXX	← ②

4. ADSL Setup

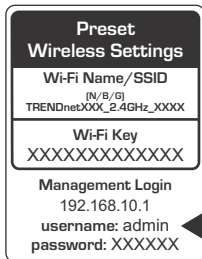
Note: It is recommended that you configure the modem from a wired computer.

1. Open your web browser, type `http://192.168.10.1` into the address bar of your web browser, and press enter.



2. Log in using default **Username** and **Password** located on the front sticker or the label on the back of the modem.

Login to the TEW-816DRM	
Username :	<input type="text"/>
Password :	<input type="password"/>
Language :	English <input type="button" value="v"/>
<input type="button" value="Login"/>	



3. Once you are logged in, click **Setup**, and then click **Setup Wizard** to start configuring the modem.

Note: In the example below, we will be configuring an ADSL connection type with PPPoE. If you are unsure of your connection type, contact your Internet Service Provider.

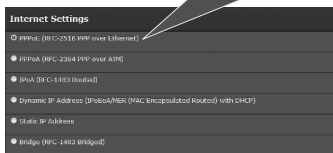


4. Select the Internet connection mode you would like to configure, and click **Next** to continue.



5. Select the Internet connection type to configure, and click **Next**. PPPoE is selected because it's a common type. Confirm your connection type with your ISP.

PPPoE (RFC-2516 PPP over Ethernet)



6. Select **Auto-detect** to have it automatically detect your VPI/VCI settings, or select **Manual selection** to manually enter your settings. Click **Next** to continue. Please wait while the modem scans for the proper VPI and VCI settings. If the modem is having trouble detecting the proper VPI and VCI settings, please click **Manual Selection** and contact your Internet Service Provider (ISP) for the proper VPI and VCI settings.



7. Select your country and the Internet Server Provider (if your ISP is not listed select other). Then enter your assigned PPPoE Username and Password from your ISP. Click **Next** to continue.

Country :	United States
Internet Service Provider :	ATT
WAN Mode :	DSL
DSL Mode :	ATM
Protocol :	PPPoE
802.1Q VLAN ID :	0 (0 = disable, 1 - 4094)
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VPI :	0 (0-255)
VCI :	35 (32-65535)
PPPoE/PPPoA	
Please enter your Username and Password as provided by your ISP (Internet Service Provider). Please enter the information exactly as shown taking note of upper and lower cases. Click "Next" to continue.	
Username :	
Password :	
Confirm Password :	

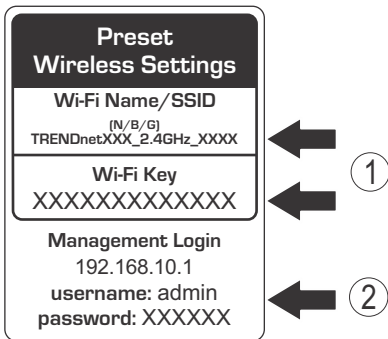
8. Review your settings and click **Finish** to complete installation.

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Below is a detailed summary of your settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.	
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NTP Server 1 :	XXXXXXXXXX
NTP Server 2 :	XXXXXXXXXX
Time Zone :	PST

9. Verify that the following status lights are on: **DSL** (Green) and **Internet** (Green).
10. Open a web browser and enter a web address (for example, www.trendnet.com) to verify that you have Internet connection.
11. Installation of your **TEW-816DRM** is now complete!

Note:

- ① We have pre-encrypted the TEW-816DRM with a unique Wi-Fi Name (SSID) and Wi-Fi Password. You can find these pre-configured settings on the label on the back of the modem. You will use this information to connect wireless devices to the modem. To change the Wi-Fi Key, refer to the product manual. If the modem is reset the Wi-Fi Password key and the Wi-Fi Name will also reset to factory defaults.
- ② To log back in to the modem's management page, you will need to know the modem's user name and password. You can find the default user name and password on the label on the bottom of the modem.



For detailed information regarding the modem's configuration and advanced settings, please refer to the User's Guide CD-ROM, or TRENDnet's website at <http://www.trendnet.com> please visit www.trendnet.com for product updates and online support.

Toll Free English Technical Support

US/Canada: 855-373-4741

Hours: Monday-Friday

7:00 AM- 6:00 PM, Pacific Standard Time.

After hours: 866-845-3673

Declaration of Conformity

TRENDNET®

Manufacturer's Name and Address

TRENDnet, Inc.
20675 Manhattan Place
Torrance, CA 90501 USA



Product Information:

Model Number: TEW-816DRM
Product Name: AC750 Wireless VDSL2/ADSL2+ Modem Router
Trade Name: TRENDnet

TRENDnet hereby declare that the product is in compliance with the essential requirements and other relevant provisions under our sole responsibility.

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

EMC
EN 301 489-1 V1.9.2: 09-2011
EN 301 489-17 V2.2.1: 09-2012

Radio Spectrum & Health

EN 300 328 V1.8.1: 06-2012
EN 301 893 V1.7.1: 06-2012
EN 62311: 2008

Energy Efficiency

Regulation (EC) No. 1275/2008, No. 278/2009, No. 801/2013

This product is herewith confirmed to comply with the Directives.

Directives:

Low Voltage Directive 2006/95/EC
EMC Directive 2004/108/EC
R&TTE Directive 1999/5/EC
Ecodesign Directive 2009/125/EC
RoHS Directive 2011/65/EU
REACH Regulation (EC) No. 1907/2006

Person responsible for this declaration.

Place of Issue: Torrance, California, USA

Date: March 12, 2015

Name: Sonny Su

Title: Director of Technology

Signature:

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The source codes are available for download from TRENDnet's web site (http://trendnet.com/downloads/list_gpl.asp) for at least three years from the product shipping date.

You could also request the source codes by contacting TRENDnet.

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Certifications

This device can be expected to comply with Part 15 of the FCC Rules provided it is assembled in exact accordance with the instructions provided with this kit.

Operation is subject to the following conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received including interference that may cause undesired operation.

Applies to PoE Products Only: This product is to be connected only to PoE networks without routing to the outside plant.

Note

The Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or Retailer for recycling advice.

Advertencia

En nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

Technical Support

If you have any questions regarding the product installation, please contact our Technical Support.

Toll free US/Canada: 1-866-845-3673

Regional phone numbers available
at www.trendnet.com/support

Product Warranty Registration

Please take a moment to register your product online. Go to TRENDnet's website at:
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