TRENDnet®

TRENDnet

TRENDnet

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1. Before You Start

Package Contents
TEW-830MDR

- 1 x TEW-830MDR unit
- Quick Installation Guide
- Network cable 0.5m (1.6 ft.)
- Power adapter (12V DC, 1.5A)
- Wall mount screws

Package Contents
TEW-830MDR2K

- 2 x TEW-830MDR unit
- Quick Installation Guide
- 2 x Network cable 0.5m (1.6 ft.)
- 2 x Power adapters
  (12V DC, 1.5A)
- Wall mount screws

Package Contents
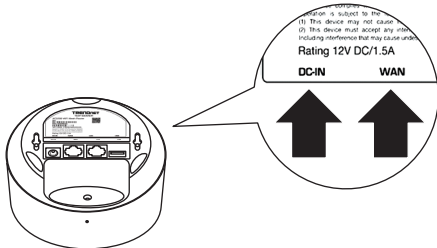**TEW-830MDR3K**

- 3 x TEW-830MDR unit
- Quick Installation Guide
- 3 x Network cable 0.5m (1.6 ft.)
- 3 x Power adapters (12V DC, 1.5A)
- Wall mount screws

Minimum Requirements

- iPhone® with iOS 10
- Mobile device with Android™ 7
- Broadband Internet
- Installed modem

2. Hardware Installation

1. Connect the included network cable from the WAN port (blue) of your router to your modem and connect the included power adapter.

Note: If you purchased a mesh network kit with multiple units, you can choose any of the units to set up first as the master. The router may take up to one minute to boot up. When the router LED changes from white to orange, this indicates that the router is ready for setup. For the initial setup, do not power on any other units except the single unit to be setup as master.
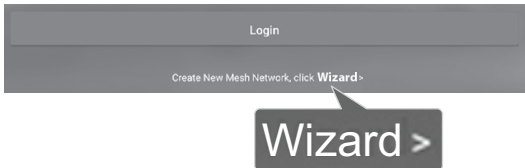

Rating 12V DC/1.5A

DC-IN   WAN

2. Using your mobile device, download and install the TRENDnet Mesh mobile app by scanning the appropriate QR code below for your mobile device.

GET IT ON
Google Play

Download on the
App Store

3. After the app installation is complete, open the **TRENDnet Mesh** app.

4. Click on the blue text link **Wizard** at the bottom of the screen to start the router setup wizard and follow the steps to complete the setup.

Login

Create New Mesh Network, click **Wizard** >

Wizard >

5. When reaching the final step, if setting up one router only, tap **Connect to TRENDnet Mesh** now at the bottom of the screen to connect to the router with the new settings and login. Otherwise, if you are connecting additional mesh units to your WiFi mesh network, tap **Add more devices** and follow the remaining steps to add the new mesh unit to your WiFi mesh network.

Note: The additional unit may take up to one minute to boot up. When the unit LED changes from white to orange, this indicates that the unit is ready for setup. Please make sure that the location of the additional unit is within at least 3m (9.84 ft.) range of the master router for initial setup.
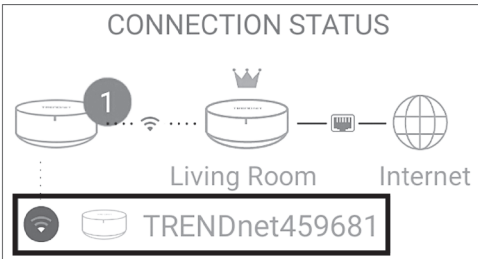
Add more devices
Connect to TRENDnet Mesh now

6. When setup is completed, tap **Login** to access the router management configuration.

Login

7. Your WiFi mesh network setup is complete.

Note: If you have more than one unit connected to your WiFi mesh network, you can tap the additional units listed under the Connection Status to determine if the unit is installed within optimal range of the master router. If the range is indicated as too far or too close, you can physically move additional units to determine an optimal range and location through the app.

TRENDnet459681 ✓

MAC Address: 88:DC:96:6D:A0:FC

IP Address: 192.168.10.221

Distance Between Devices

The ideal distance between Mesh devices

Optimum Range (i)

Note: To download the latest version of the user's guide, please go to https://www.trendnet.com/support and select the TEW-830MDR, TEW-830MDR2K or TEW-830MDR3K within the Product Download drop-down list.

Federal Communication Commission Interference Statement

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

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

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

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.

Industry Canada statement:

This device complies with ISED's licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d' ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution :

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(iii) where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

Avertissement:

(i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(iii) lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués.Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20 cm entre le radiateur et votre corps.