



N150 Easy-N-Range Extender

TEW-713RE (v1.0R)

TRENDnet's compact N150 Easy-N-Range Extender, model TEW-713RE, extends the coverage of your existing wireless n network. Setup is easy with no drivers to install. Simply press the Wi-Fi Protected Setup (WPS) button on your router or access point, then on the TEW-713RE and you're done—the N150 Easy-N-Range Extender is now extending your wireless N network over a large area.

The compact TEW-713RE conveniently plugs directly into an electrical outlet and the off white housing blends into the environment. An on / off switch is located on the side of the adapter and a LED indicator confirms wireless activity. Hardwire a computer, NAS drive, or printer to the LAN port on the bottom of the extender. The latest wireless encryption protects your network.

PRODUCT OVERVIEW

- Helps eliminate wireless dead spots
- Compact white housing plugs directly into an electrical outlet
- Extends the range of your existing wireless network
- One touch wireless setup using the WPS button
- Advanced wireless encryption protects your data

FEATURES

- Compact wall plug design
- Compact high performance wireless n range extender
- Data rates of up to 150 Mbps based on IEEE 802.11n
- Backward compatible with IEEE 802.11b/g devices
- 1 x 10/100 Mbps Ethernet port
- 1 x Wi-Fi Protected Setup (WPS) button
- 1 x Power on / off switch
- IPv6 support
- Supports up to WPA2-PSK wireless encryption
- One-touch wireless connection using the Wi-Fi Protected Setup (WPS) button
- Low interference and high susceptibility deliver reliable performance
- 3-year limited warranty

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SPECIFICATIONS

HARDWARE

Standards	<ul style="list-style-type: none">• Based on IEEE 802.11n technology, IEEE 802.11b, IEEE 802.11g• IEEE 802.3u, and IEEE 802.3
Interface	<ul style="list-style-type: none">• 1 x 10/100 Mbps Auto-MDIX LAN port
LED Indicators	<ul style="list-style-type: none">• Green<ul style="list-style-type: none">• Static: Repeater connect to AP successfully• Flashing: Initializing WPS• Orange<ul style="list-style-type: none">• Flashing: Not able to connect to AP• Red<ul style="list-style-type: none">• Repeater is restarting
Power	<ul style="list-style-type: none">• On / off switch
Buttons	<ul style="list-style-type: none">• Reset button: restores factory default settings• WPS button: enables WPS function
Power Plug	<ul style="list-style-type: none">• Input: 100 ~ 240 V, 0.4 A AC, 50~60 Hz
Dimensions (L x W x H)	<ul style="list-style-type: none">• 81 x 52 x 31.5 mm (3.2 x 2.0 x 1.2 in.) – Base• 81 x 52 x 49.5 mm (3.2 x 2.0 x 1.95 in.) – With US plug• 81 x 52 x 70.5 mm (3.2 x 2.0 x 2.78 in.) – With Euro plug (EU)
Weight	<ul style="list-style-type: none">• 79 g (2.8 oz)
Temperature	<ul style="list-style-type: none">• Operating: 0° ~ 40°C (32° ~ 104°F)
Humidity	<ul style="list-style-type: none">• Max 90% (non-condensing)

WIRELESS

Modulation	<ul style="list-style-type: none">• OFDM and CCK
Antenna	<ul style="list-style-type: none">• Built in antenna
Frequency	<ul style="list-style-type: none">• 2.412 - 2.462 GHz FCC• 2.412 – 2.472 GHz ETSI
Data Rate (Auto Fallback)	<ul style="list-style-type: none">• 802.11n: up to 150 Mbps• 802.11g: up to 54 Mbps• 802.11b: up to 11 Mbps
Output Power	<ul style="list-style-type: none">• 802.11b: 18 dBm (typical) @ 11 Mbps• 802.11g: 15 dBm (typical) @ 54 Mbps• 802.11n: 14 dBm (typical) @ 150 Mbps
Receiving Sensitivity	<ul style="list-style-type: none">• 802.11b: -82 dBm (typical) @ 11 Mbps• 802.11g: -70 dBm (typical) @ 54 Mbps• 802.11n: -70 dBm (typical) @ 150 Mbps
Encryption	<ul style="list-style-type: none">• 64 / 128-bit WEP, WPA / WPA2-PSK
Channels	<ul style="list-style-type: none">• 1-11 (FCC), 1-13 (ETSI)
Certifications	<ul style="list-style-type: none">• CE, FCC

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NETWORKING SOLUTIONS



PACKAGE CONTENTS

TEW-713RE

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

RELATED PRODUCTS

TEW-712BR	N150 Wireless Router
TEW-731BR	N300 Wireless Home Router
TEW-650AP	N150 Wireless Access Point

CONTACT INFORMATION

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