



# 300Mbps

## Universal Wi-Fi Range Extender

### TL-WA854RE

#### Highlights

---

- Expanded Wi-Fi Coverage – Range Extender mode boosts wireless signal to previously unreachable or hard-to-wire areas flawlessly
- Flexible Deployment– Miniature size and wall-mounted design make it easy to deploy and move flexibly
- Plug and Play– Easily expand wireless coverage at a push of Range Extender button
- LED Control – Allows you to enjoy a more peaceful night's sleep
- TP-LINK Tether App Support – Allows easy access and management with your mobile devices remotely.

#### Description

---

TP-LINK's wall-mounted TL-WA854RE is designed to conveniently extend the coverage and improve the signal strength of an existing wireless network to eliminate "dead zones". Being incredibly user friendly, it is ideal for large homes or offices for experienced or novice users.

# Features



**N300 Wi-Fi Speeds**– Provides fast Wi-Fi access up to 300Mbps.



**Intelligent Signal Indicator** – Intelligent signal lights help to find the best location for optimal Wi-Fi coverage by showing the signal strength.



## Ease of Use

- **Universal Compatibility** – Works with any Wi-Fi router.
- **Easy Two Touch Setup** – Press the WPS button on your router and the Range Extender button on the TL-WA854RE within 2 minutes to easily expand wireless coverage.



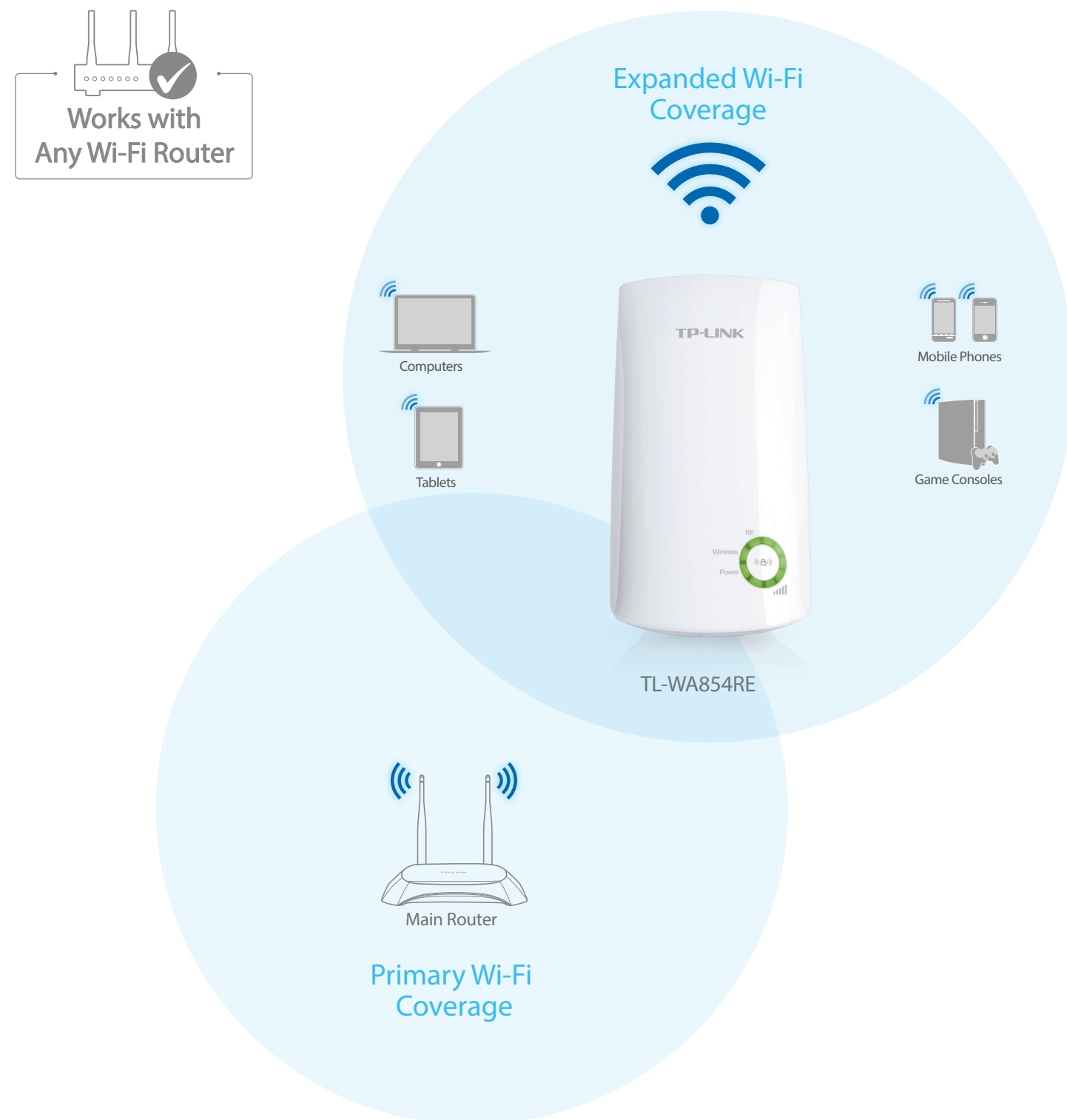
## Easy Access and Management

- **TP-LINK Tether App Support** – Allows easy access and management with your mobile devices remotely.
- **LED Control on Tether**– Allows you to enjoy a more peaceful night's sleep .



## Boost Wi-Fi Coverage

TL-WA854RE boosts your existing Wi-Fi range & delivers faster wireless speed in hard-to-reach area, providing reliable connections for laptops, smartphones, tablets and other wireless-enabled devices.

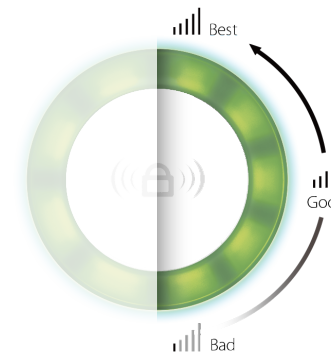


## Ease of Use

Expanding your network should be easy. You can get set up in seconds with its RE button. And the Intelligent Signal Indicator LED provides a simple, color-coded indication of whether your range extender is too close to or too far from the main router.

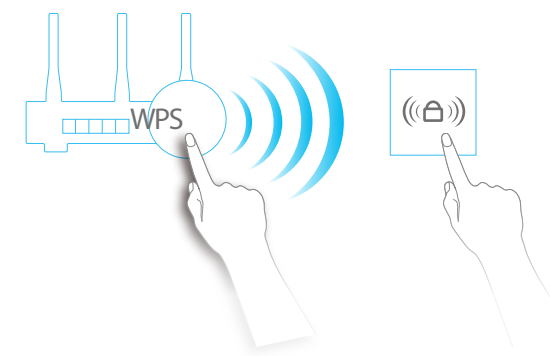
### Intelligent Signal Indicator

Helps find the best location for the range extender



### Easy Two Touch Setup

Press the WPS button on your router and the ((Ⓜ)) button on your extender to get set up in seconds



# Specifications

---

## Hardware

---

- Standards and Protocols: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- Plug Type: EU, UK
- Antenna: 2 \* internal
- Button: RE (Range Extender) Button, Reset Button
- Dimensions (W X D X H): 4.3x 2.6 x 3.0in. (110.0 x 65.8 x 75.2mm)
- Power Consumption: About 3W

## Wireless

---

- Frequency: 2.4~2.4835GHz
- Signal Rate: 11n: Up to 300Mbps (dynamic)  
11g: Up to 54Mbps (dynamic)  
11b: Up to 11Mbps (dynamic)
- Reception Sensitivity: 2.4GHz:
  - 270M: -68dBm@10% PER
  - 130M: -68dBm@10% PER
  - 108M: -68dBm@10% PER
  - 54M: -68dBm@10% PER
  - 11M: -68dBm@8% PER
  - 6M: -68dBm@10% PER
  - 1M: -68dBm@8% PER
- Transmit Power: <20 dBm (EIRP)
- Wireless Modes: Range Extender
- Wireless Functions: Access Control; Domain Login Function
- Wireless Security: 64/128-bit , WEP/WPA-PSK/WPA2-PSK



# Specifications

## Others

### Package Contents

- 300Mbps Universal Wi-Fi Range Extender TL-WA855RE
- Quick Installation Guide

### Certification

- CE, RoHS, FCC

### System Requirements

- Microsoft® Windows® 10/8.1/8/7/Vista™/XP/2000/NT/98SE, Mac® OS, NetWare®, UNIX® or Linux.

### Environment

- Operating Temperature: 0 °C ~40 °C (32°F~104°F)
- Storage Temperature: -40 °C ~70 °C (-40°F~158°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

# Similar Products



- 300Mbps Wi-Fi Range Extender TL-WA855RE



- 300Mbps Universal Wi-Fi Range Extender TL-WA850RE



For more information, please visit

[http://www.tplink.com/en/products/details/cat-10\\_TL-WA850RE.html](http://www.tplink.com/en/products/details/cat-10_TL-WA850RE.html)

or scan the QR code left

Specifications are subject to change without notice. TP-LINK is a registered trademark of TP-LINK Technologies CO., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. No part of the specifications may be reproduced in any form or by any means or used to make any derivative such as translation, transformation, or adaptation without permission from TP-LINK Technologies CO., Ltd. Maximum wireless speed of up to 300Mbps is the theoretical data rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary due to network conditions and environmental factors including volume of network track, building materials and construction, network overhead, actual data throughput rate, and wireless coverage.

[www.tp-link.com](http://www.tp-link.com)