300Mbps Universal Wi-Fi Range Extender
TL-WA850RE

◉ Features：

- Greatly extends existing wireless coverage to eliminate "dead zones"

- Easily extends your wireless network at a push of the Range Extender button

- Wall-mount design, just plug in and play, very convenient

- Ethernet port allows the Extender to function as a wireless adapter to connect wired devices

- LED Control function includes a Night Mode for peaceful sleep

- Tether App allows easy access and management using any mobile device

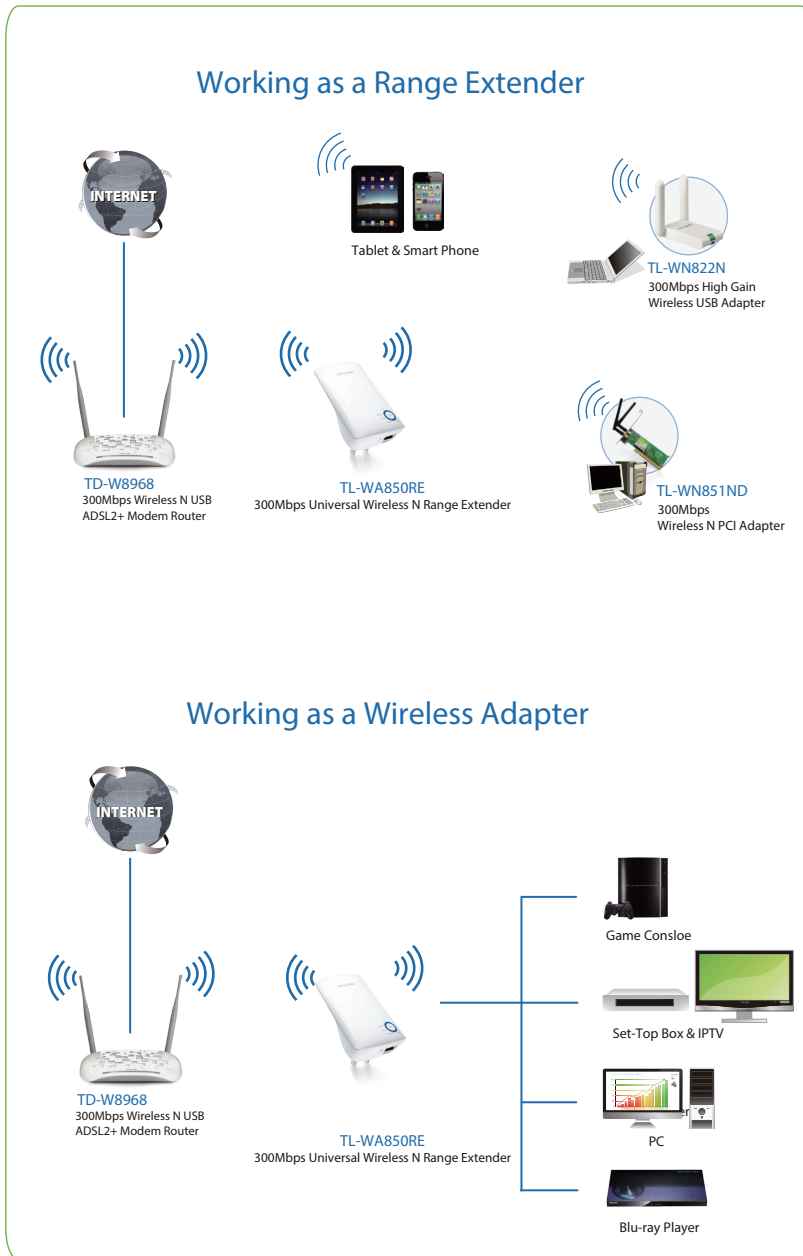- Supports domain name-based login (http://tplinkrepeater.net) for advanced management

◉ Description

TP-LINK's wall-mounted TL-WA850RE is designed to conveniently extend the coverage and improve the signal strength of an existing wirelss network to eliminate "dead zones". Being incredibly user friendly, it is ideal for large homes or offices for experienced or novice users. Besides, TL-WA850RE can also be used as a wireless network adapter to help a wired device such as a smart TV or game console to receive Wi-Fi signals.

◉ Specifications：

Hardware Features	
Wireless Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Interface	One 10/100Mbps Ethernet Port (RJ45)
Button	Range Extender Button, Reset Button
Antenna	2*internal
Power Consumption	About 3W
Wireless Features	
Frequency	2.4~2.4835GHz
Signal Rate	11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic)
Receive Sensitivity	270M: -68dBm@10% PER 130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Wireless Mode	Range Extender
Wireless Functions	Access Control; Domain Login Function
Wireless Security	64/128/152-bit WEP WPA-PSK / WPA2-PSK
Others	
Certification	FCC, RoHS
System Requirements	Microsoft® Windows® 10/8.1/8/7/Vista™/XP/2000/ NT/98SE, Mac® OS, NetWare®, UNIX® or Linux.
Operating Temperature	0℃~40℃ (32℉~104℉)
Storage Temperature	-40℃~70℃ (-40℉~158℉)
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing.
Dimensions (W x D x H)	4.3 × 2.6 × 3.0in. (110.0 × 65.8 × 75.2mm)
Plug Type	US

www.tp-link.com

◉ Diagram:

Working as a Range Extender

INTERNET

Tablet & Smart Phone

TL-WN822N
300Mbps High Gain
Wireless USB Adapter

TD-W8968
300Mbps Wireless N USB
ADSL2+ Modem Router

TL-WA850RE
300Mbps Universal Wireless N Range Extender

TL-WN851ND
300Mbps
Wireless N PCI Adapter

Working as a Wireless Adapter

INTERNET

TD-W8968
300Mbps Wireless N USB
ADSL2+ Modem Router

TL-WA850RE
300Mbps Universal Wireless N Range Extender

Game Consloe

Set-Top Box & IPTV

PC

Blu-ray Player

Package:
- 300Mbps Universal Wi-Fi Range Extender
  TL-WA850RE
- RJ-45 Ethernet Cable
- Quick Installation Guide

Related Product:
- 300Mbps Wireless N USB ADSL2+ Modem Router
  TD -W8968
- 300Mbps Wireless N PCI Adapter
  TL-WN851ND
- 300Mbps High Gain Wireless USB Adapter
  TL-WN822N

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