

TP-LINK®
The Reliable Choice



The beauty of wireless!

TL-WR841N / TL-WR841ND gets a new design

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TP-LINK®
The Reliable Choice

Networking Product Guide 2010

TP-LINK 3G Router
Share the Freedom of 3G

Create a fast wireless network using your
3G modem

P21-P22

3G
SHARE



(SEPTEMBER 2010)

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(SEPTEMBER 2010)



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Stream HD Videos, play Online Games, and download large media files simultaneously



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Hot

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TL-SC3171 & TL-SC3171G



36 SMB

300Mbps WIRELESS N Gigabit Router

Stream HD Videos, play Online Games, and download large media files simultaneously

Detachable Antenna



Hot



Ultimate Wireless N Gigabit Router TL-WR1043ND



- Wireless N speed up to 300Mbps
- Gigabit Ethernet ports deliver ultra fast wireless and wired network connections
- USB 2.0 port convenient for file sharing via an external USB storage device
- Three antennas dramatically increase link robustness and stability
- Easy wireless security encryption at a push of the QSS button
- CCA technology enhances stability signal while automatically avoiding channel conflicts
- WDS wireless bridge provides seamless bridging to expand the wireless network
- Bandwidth control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- IP and MAC binding effectively prevent ARP virus attacks

Specifications

- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u
- 1 Gigabit WAN Port, 4 Gigabit LAN Ports, supporting the auto-Negotiation and auto MDI/MDIX
- Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- Supports Auto Dial, On-Demand Dial, Regular Dial requirements
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- Supports Virtual Server, Special Application, and DMZ Host
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Built-in firewall supports IP address filtering, domain name filtering, and MAC address filtering for a flexible time to surf the network
- Built-in DHCP server supports automatic and dynamical IP address distributing

QSS
WPS (Wi-Fi Protected Setup™) Button

AWARDS



Hot

150Mbps Wireless N Router

TL-WR741ND / TL-WR740N



One-Button Wireless Encryption
easy at a push of the QSS button

Go Wireless in Minutes
with Easy Setup Assistant

Neighbor Friendly
ensures more stable signal while automatically avoiding channel conflicts

Bandwidth Control
allows administrators to determine how much bandwidth is allotted to each PC

150Mbps Wireless Speed
great for video streaming and online gaming

WDS Wireless Bridge
provides seamless bridging to expand the wireless network

Live Parental Controls
allows parents or administrators to establish restricted access policies for children or staff



Specifications

- > Compatible with IEEE802.11n/g/b, IEEE802.3/3u
- > 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support auto-Negotiation and auto MDI/MDIX
- > IP and MAC binding, prevents ARP virus attacks effectively
- > External detachable antennas allow for better alignment and stronger antenna upgrades (for TL-WR741ND only)
- > Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- > Supports Auto Dial, Demand Dial, Regular Dial requirements
- > Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics, VPN Pass-through
- > Supports Virtual Server, Special Application, and DMZ host
- > Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- > Built-in firewall supports IP address filtering, domain name filtering, and MAC address filtering for access control management
- > Built-in DHCP server supports automatic and dynamic IP address distribution
- > Supports configuration files export and import

High Power Wireless For Maximum Coverage

150Mbps High Power Wireless USB Adapter

TL-WN7200ND



New



Coverage



- Mini USB 2.0 connector
- High power and high sensitivity enlarges wireless coverage
- Complies with IEEE802.11n/g/b, Wireless speed up to 150Mbps
- Easy wireless security encryption at a push of the QSS button
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000

150Mbps Wireless N USB Adapter

TL-WN721NC



- USB 2.0 connector
- Complies with IEEE802.11n/g/b, Wireless speed up to 150Mbps
- Easy wireless security encryption at a push of the QSS button
- Bundled an elegant and stylish USB Cradle for flexible deployment
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



150Mbps Wireless N USB Adapter

TL-WN721N



- USB 2.0 connector
- Complies with IEEE802.11n/g/b, Wireless speed up to 150Mbps
- Easy wireless security encryption at a push of the QSS button
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



150Mbps Wireless N USB Adapter

TL-WN727N



- USB 2.0 connector
- Complies with IEEE802.11n/g/b, Wireless speed up to 150Mbps
- Easy wireless security encryption at a push of the QSS button
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



150Mbps Wireless N PCI Express Adapter

TL-WN781ND



- PCI Express 2.0 connector
- Complies with IEEE802.11n/g/b, Wireless speed up to 150Mbps
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



New

150Mbps Wireless AP/Client Router

TL-WR743ND



Simultaneous WISP Access and Wireless Sharing



PoE Support and PoE Injector Inside



Wireless Capability Update –150Mbps Wireless N



5dBi Detachable Antenna



Security connection at a push of a button



Specifications

- > Compatible with IEEE802.11n/g/b, IEEE802.3/3u
- > 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support auto-Negotiation and auto MDI/MDIX
- > Supports AP Client Router and AP Router Modes
- > Supports PPPoE, Dynamic IP, Static IP, PPTP, L2TP Cable Internet access
- > Supports Auto Dial, Demand Dial, Regular Dial requirements
- > Supports Virtual Server, Special Application, and DMZ host
- > Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- > Built-in firewall supports IP address filtering, domain name filtering, and MAC address filtering for access control management
- > Built-in DHCP server supports automatic and dynamical IP address distributing

150Mbps High Gain Wireless USB Adapter

TL-WN722N / TL-WN722NC



150Mbps Wireless AP/Client Router

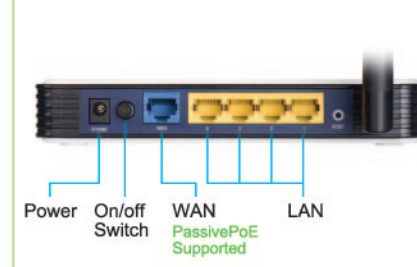
- Wireless speed up to 150Mbps
- AP Client Router and AP Router operation mode conveniently for internet access via a WISP or ADSL/Cable modem
- Wireless security encryption easily at a push of QSS button
- WDS wireless bridge provide seamless bridge to expand wireless network
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allows parents or administrators to establish restricted access policies for children or staff
- IP and MAC binding prevents ARP virus attacks effectively

Front Panel



TL-WR743ND

Rear Panel



- USB 2.0 connector
- Complies with IEEE802.11n/g/b, Wireless speed up to 150Mbps
- 4dBi detachable antenna, remarkably strengthens the signal power of the USB adapter
- **Easy wireless security encryption at a push of the QSS button**
- Bundled an elegant and stylish USB Cradle for flexible deployment (for TL-WN722NC only)
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000

UP TO 4X The Range

of Standard 54Mbps Wireless Router

54Mbps eXtended Range™ Wireless Router



TL-WR541G / TL-WR542G



- Wireless G speed up to 54Mbps
- WDS wireless bridge provides seamless bridging to expand wireless the network
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allow parents or administrators to establish restricted access policies for children or staff
- IP and MAC binding prevent ARP virus attacks effectively
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Supports IP address filtering, Domain Name filtering, and MAC address filtering



54Mbps eXtended Range™ Wireless PCI Adapter

TL-WN550G / TL-WN551G

- 32-bit PCI connector
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000

54Mbps Wireless AP/Client Router

TL-WR543G



- Wireless G speed up to 54Mbps
- AP Client Router and AP Router operation mode convenient for internet access via a WISP or ADSL/Cable modem
- WDS wireless bridge provides seamless bridging to expand the wireless network
- IP based bandwidth control allow administrators to determine how much bandwidth is allotted to each PC
- Live Parental Controls allows parents or administrators to establish restricted access policies for children or staff
- IP and MAC binding effectively prevent ARP virus attacks
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption



Specifications

- Complies with IEEE 802.11g/b, IEEE 802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support the auto-Negotiation and auto MDI/MDIX
- Built-in DHCP server supporting static IP address distribution
- Supports AP Client Router and AP Router Modes
- Supports UPnP, Dynamic DNS, Static Routing, Flow Statistics
- Supports VPN Pass-through, Virtual Server and DMZ host
- Built-in firewall supports IP address filtering, Domain Name filtering, and MAC address filtering for access control management
- Denial-of-service (DoS) attack prevention, auto virus isolation
- On-Demand Dial and timing on/off internet access



54Mbps Wireless Router

The Perfect Couple!



54Mbps Wireless Router

TL-WR340G / TL-WR340GD



- Wireless G speed up to 54Mbps
- WDS wireless bridges provide seamless bridging to expand the wireless network
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- IP and MAC binding effectively prevent ARP virus attacks
- External detachable antennas allow for better alignment and stronger antenna upgrades (for TL-WR340GD only)

54Mbps Wireless USB Adapter

TL-WN321G / TL-WN322G



- USB 2.0 connector
- Complies with IEEE802.11g/b, Wireless speed up to 54Mbps
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryption
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000

Specifications

- Complies with IEEE 802.11g/b, IEEE 802.3/3u
- 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support auto-negotiation and auto MDI/MDIX
- Built-in DHCP server supports static IP address distribution
- Supports UPnP, Dynamic DNS, Static Routing and Flow Statistics
- Supports VPN Pass-through, Virtual Server and DMZ host
- Built-in firewall supports IP address filtering, Domain Name filtering, and MAC address filtering for access control management
- Denial-of-service (DoS) attack prevention, auto virus isolation
- On-Demand Dial and timing on/off internet access

54Mbps High Gain Wireless USB Adapter

Little device **Big** performance



54Mbps High Gain Wireless USB Adapter

TL-WN422G / TL-WN422GC

- USB 2.0 connector
- Complies with IEEE802.11g/b, Wireless speed up to 54Mbps
- 4dBi detachable antenna, remarkably strengthens the signal power of the USB adapter
- Bundled with an elegant and stylish USB Cradle for flexible deployment (for TL-WN422GC only)
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000

54Mbps Wireless PCI Adapter

TL-WN350G / TL-WN350GD / TL-WN353G / TL-WN353GD



- 32-bit PCI connector
- Complies with IEEE802.11g/b, Wireless speed up to 54Mbps
- External detachable antenna (for TL-WN350GD/TL-WN353GD only)
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Windows 7 32/64bit, Vista 32/64bit, XP 32/64bit, Windows 2000



54Mbps Wireless Cardbus Adapter

TL-WN310G

- Provides Cardbus connector
- Complies with IEEE802.11g/b, Wireless speed up to 54Mbps
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Vista 32/64bit, XP 32bit, Windows 2000



54Mbps Wireless Mini-PCI Adapter

TL-WN360G

- Provides Mini-PCI connector
- Complies with IEEE802.11g/b, Wireless speed up to 54Mbps
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Vista 32/64bit, XP 32bit, Windows 2000



54Mbps Wireless AG Mini-PCI Adapter

TL-WN562AG

- Provides Mini PCI connector
- Complies with IEEE802.11g/b/a, Wireless speed up to 54Mbps
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Vista 32/64bit, XP 32bit, Windows 2000



108Mbps Wireless Super AG Mini-PCI Adapter

TL-WN662AG

- Provides Mini PCI connector
- Complies with IEEE802.11g/b/a, Wireless speed up to 108Mbps
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- OS: Vista 32/64bit, XP 32bit, Windows 2000

300Mbps Wireless N Access Point

TL-WA901ND / TL-WA801ND



- Complies with IEEE 802.11n/g/b, IEEE 802.3/3u, Wireless N speed up to 300Mbps
- 1 10/100Mbps auto-negotiation Ethernet port
- Supports AP, AP Client, Multi-SSID, Bridge, Multi-Bridge, Repeater operation modes
- Easy wireless security encryption at a push of the QSS button
- Supports Passive Power over Ethernet capability for flexible performance
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- Supports Wi-Fi Multimedia (WMM) assuring the quality of VoIP and multimedia streaming
- 4dBi detachable antennas allow for stronger antenna upgrades



Range Extender

Extend your wireless coverage
at the **push** of a button

150Mbps Wireless
Range Extender
TL-WA730RE



- Compatible with IEEE 802.11n/g/b, IEEE 802.3/3u, Wireless N speed up to 150Mbps
- 1 10/100Mbps auto-negotiation Ethernet port
- Supports Range Extender, AP modes
- Easily expand wireless coverage at a push of the Range Extender button
- Supports Passive Power over Ethernet capability for flexible performance
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- 4dBi detachable antenna allows for stronger antenna upgrades



150Mbps Wireless N Access Point
TL-WA701ND



- Compatible with IEEE 802.11n/g/b, IEEE 802.3/3u, Wireless N speed up to 150Mbps
- 1 10/100Mbps auto-negotiation Ethernet port
- Supports AP, AP Client, Multi-SSID, Bridge, Multi-Bridge, Repeater operation modes
- Easy wireless security encryption at a push of the QSS button
- Supports Passive Power over Ethernet capability for flexible performance
- Supports Wi-Fi Multimedia (WMM) assuring the quality of VoIP and multimedia streaming
- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
- 4dBi detachable antenna allows for stronger antenna upgrades



54Mbps High Power Wireless G Access Point

TL-WA5110G



- Complies with IEEE 802.11g/b, IEEE 802.3/3u, Wireless G speed up to 54Mbps
- 1 10/100Mbps auto-negotiation Ethernet port
- High power and high sensitivity enlarges wireless coverage
- Up to 400mw power for longer distance transmission
- Supports AP Client Router and AP Router modes
- Supports AP, AP Client, Bridge, Multi-Bridge, and repeater operation modes
- Supports Passive Power over Ethernet capability for flexible performance
- Detachable antenna allows for stronger antenna upgrades

Long Range Wireless Connection



High Power + High Sensitivity = Long Range Wireless Connections

Wireless Signal degradation will happen when traveling long distances, **High Power** means signals can go further and bring higher speeds at the same distance than normal ones; **High Sensitivity** means the AP can receive weaker signals than normal APs. These two significantly extend the transmission range to reduce dead spots and to deliver a more stable wireless connection.

TP-LINK 54Mbps Wireless G Access Point

provides multiple operation modes including AP / AP Router Mode / AP Client Router Mode / Repeater / Bridge / AP Client, which are available for small and home office to expand their wired and wireless networks. Especially the High-Power Wireless Access Point is dedicated to long distance wireless network solutions.

AP Mode

AP mode is used to convert a wired connection into wireless transmission for compatible devices to receive. AP mode is the most basic function of multi-function Access Point. In this mode, the Access Point will act as a central hub for different wireless LAN clients. This function is generally used in cafes, libraries, schools, small and medium offices and enterprises.

Repeater Mode

The repeater function lets this access point act as a wireless LAN access point and repeater at the same time. Users can use this feature to build up a large wireless network in spaces such as cafes, airports, hotels, schools, libraries and small enterprises.

Bridge Mode (WDS)

Bridge mode is a function of access points that allows a user to connect two remote Ethernet LANs to each other where cables are not an efficient option. Using two access points that communicate through each other, two LANs can be connected which is very useful in situations where Ethernet LANs may be in two adjacent buildings.

AP Client Mode

When an access point is set to "AP Client" mode it performs a wireless client adapter only function, and transfers packets from the Ethernet port of a PC or notebook to 'talk' with radio signals to another access point. Users can connect PC or local LAN to Ethernet port of the client mode access point. This mode is mostly used as a CPE device for WISP subscribers.

54Mbps Wireless G Access Point

TL-WA501G



- Complies with IEEE 802.11g/b, IEEE 802.3/3u, Wireless G speed up to 54Mbps
- 1 10/100Mbps auto-negotiation Ethernet port
- Supports AP, AP Client, Bridge, Multi-Bridge, and repeater operation modes
- Detachable antenna allows for stronger antenna upgrades

54Mbps Wireless G Access Point

TL-WA500G



- Complies with IEEE 802.11g/b, IEEE 802.3/3u, Wireless G speed up to 54Mbps
- 1 10/100Mbps auto-negotiation Ethernet port
- Supports AP, AP Client, Bridge, Multi-Bridge, and repeater operation modes
- Supports Passive Power over Ethernet capability for flexible performance
- Detachable antenna allows for stronger antenna upgrades

2.4GHz High Power Wireless Outdoor CPE

TL-WA5210G



New



4000V Lightning Protection



15KV ESD Protection



Weatherproof Enclosure



Grounding Terminal Integrated

2.4GHz High Power Wireless Outdoor CPE

TL-WA5210G



- Compatible with IEEE 802.11n/g/b, IEEE 802.3/3u
- Wireless G speed up to 54Mbps
- 1 10/100Mbps auto-negotiation RJ45 port
- Weatherproof enclosure and lightning protection terminal integrated
- 12dBi dual-polarized antenna, better compatibility with WISP to boost your signal
- Up to 500mw power for longer distance transmission
- Supports 15KV EDS Protection
- Supports AP, AP Client, Bridge, Multi-Bridge, and repeater operation modes
- External antenna connector allows for stronger antenna upgrades
- Supports Passive Power over Ethernet capability for flexible performance

Antennas

MODEL NO.	TL-ANT2403N	TL-ANT2405C/TL-ANT2405CL	TL-ANT2406A	TL-ANT2408C/TL-ANT2408CL	TL-ANT2409A	TL-ANT2409B	TL-ANT2414A	TL-ANT2414B	TL-ANT2412D/TL-ANT2415D	TL-ANT2424B
FREQUENCY	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz
GAIN	3dB	5dB	6dB	8dB	9dB	9dB	14dB	14dB	12dB/15dB	24dB
TYPE	Omn	Omn	Directional	Omn	Directional	Directional	Directional	Directional	Omn	Directional
VSWR(MAX)	1.92:1	1.92:1	1.92:1	1.5:1	1.92:1	1.92:1	1.92:1	1.92:1	1.92:1/1.5:1	1.5:1
HPBW(H°)	360	360	120	360	60	60	30	30	360	14
HPBW(V°)	90	52	90	15	76	76	30	30	6/9	10
POLARIZATION	Linear, Vertical	Linear, Vertical	Linear, Vertical	Linear, Vertical	Linear, Vertical	Linear, Vertical	Linear, Vertical	Linear, Vertical	Linear, Vertical	Linear, Vertical
CONNECTOR TYPE	RP-SMA Male (Plug)	RP-SMA Male (Plug)	RP-SMA Male (Plug)	RP-SMA Male (Plug)	RP-SMA Male (Plug)	N Female (Jack)	RP-SMA Male (Plug)	N Female (Jack)	N Female (Jack)	N Female (Jack)
EXTENDED CABLE LENGTH	RG174, 100cm	RG316, 130cm (for TL-ANT2405C)	RG174, 130cm	RG316, 130cm (for TL-ANT2408C)	CFD-200, 100cm	CFD-200, 100cm	CFD-200, 100cm	CFD-200, 100cm	N/A	30cm
MOUNTING	Desktop	Wall Mount/ Desktop (for TL-ANT2405C)	Wall Mount/ Desktop	Wall Mount/ Desktop (for TL-ANT2408C)	Pole Mount/ Wall Mount	Pole Mount/ Wall Mount	Pole Mount/ Wall Mount	Pole Mount/ Wall Mount	Pole Mount/ Wall Mount	Pole Mount
APPLICATION	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Indoor	Outdoor	Outdoor	Outdoor
APPROXIMATE RANGE AT 1/11/54Mbps	-	700m/400m/60m	880m/500m/70m	1.41km/790m/110m	1.77km/1km/140m	1.77km/1km/140m	5.59km/3.15km/440m	5.59km/3.15km/440m	3.53km/1.98km/280m	56km/31.5km/4.44km
OPTIONAL ACCESSORY	-	-	-	-	TL-ANT24EC35 TL-ANT24EC35	TL-ANT24EC6N TL-ANT24EC12N TL-ANT24SP TL-ANT24PT	TL-ANT24EC35 TL-ANT24EC35	TL-ANT24EC6N TL-ANT24EC12N L-ANT24SP TL-ANT24PT	TL-ANT24EC6N TL-ANT24EC12N TL-ANT24SP TL-ANT24PT	TL-ANT24EC6N TL-ANT24EC12 N TL-ANT24SP TL-ANT24PT

Note: 1. Range reference is based on RF power of indoor AP (150mW) without cable loss or other insertion loss. 2. The two sides of transmission use the same spec. of antenna and AP. 3. The environment for range parameters is based on normal condition (with a system margin of 20dB). 4. Actual range (especially the indoor range) is subject to change due to user's physical environment. All figures are for reference only. 5. HPBW: Half Power Beam Width, H: horizontal plane pattern, V: vertical plane pattern.

Antenna Accessories

MODEL NO.	TL-ANT24EC35	TL-ANT24EC35	TL-ANT24EC6N	TL-ANT24EC12N	TL-ANT24PT	TL-ANT24SP
PRODUCT DESCRIPTIONS	Extension Cable	Extension Cable	Extension Cable	Extension Cable	Pigtail Cable	Surge Protector
FREQUENCY	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz
CONNECTOR TYPE	RP-SMA Male to Female	RP-SMA Male to Female	N Male to Female	N Male to Female	RP-SMA Male to N Male	N Male to Female
CABLE MATERIAL	CFD-200	CFD-200	KMS-400	KMS-400	CFD-200	N/A
CABLE LENGTH	3 Meters	5 Meters	6 Meters	12 Meters	50 CM	N/A

Share The Freedom Of 3G



Hot

3G/3.75G Wireless N Router TL-MR3420



- USB 2.0 connector to an external UMTS/HSPA/EVDO USB Modem
- 3G/WAN Failover guarantees a sustained Internet connection
- Wireless N speed up to 300Mbps
- CCA technology enhances your wireless performance with a more stable signal while automatically avoiding channel conflicts
- Easy wireless security encryption at a push of the QSS button
- WDS wireless bridge provides seamless bridging to expand the wireless network
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC

Rear Panel



WAN Port
Connect to the DSL/Cable modem

USB Port
Insert the 3G USB modem

Here's Why You'll Love TP-LINK's 3G Router

1 Incredible High Speed 3G + 300M Wireless



TP-LINK's TL-MR3420 3G/3.75G Wireless N Router allows you to share 3G/3.75G mobile broadband with family and friends on the train, camping, hotel, or anywhere else with 3G/3.75G coverage. By connecting a UMTS/HSPA/EVDO USB modem to the router, a Wi-Fi hotspot is instantly established.

*With standard 3G USB modem, the upload/download speed is 1.8Mbps/3.1Mbps, while with 3.75G USB modem, the upload/download speed reaches up to 5.76Mbps/7.2Mbps.

Note

The TL-MR3420 is essentially two routers in one. It has the ability to share a 3G USB modem connection or a normal cable connection.

2 Comprehensive 3G/WAN Back-up Strategy

TL-MR3420 stands out with 3G/WAN connection back-up, which keeps you on-line. As shown below in the snapshot, we provide you with both 3G preferred and WAN preferred back-up modes, while other common brands can only provide one or the other. This brings you high flexible access setup right according to your Internet service cost, and minimal downtime.

Internet Access

- The router provides four Internet access mode for you to choose:
- **3G Preferred**- Use 3G as the primary access, wan as a back-up.
 - **3G Only**- Only use 3G as the access to the Internet.
 - **WAN Preferred**- Use WAN as the primary access, 3G as a backup.
 - **WAN Only**- Only use WAN as the access to the Internet.

▶ Snapshot of TL-MR3420 setup page: you can choose 3G Preferred or WAN Preferred here.



A Word From Tech Support

3G devices differ from other devices due both, to the regions in which they are used, the devices that they pair with, and a combination of the two. This means that, though a 3G router may be compatible with a certain 3G USB dongle, there may be a conflict from one region in which it is used to another, preventing the effective use of the product. Ultimately this means that when testing such products for compatibility, said tests must be conducted individually on each individual 3G device in every region that they may be used, to ensure 100% compatibility.

TP-LINK has made certain that our 3G routers are compatible with the ISPs in the regions in which they are sold and using the 3G devices available for those regions. We have teams around the globe continually testing our 3G routers in new regions and with new products to ensure that end users can feel confident that the product that they buy will work as intended with almost any device they use and in almost any region they are in.

We hope that with this diligent effort to ensure the quality of our customer's end-user experience that we gain their trust. Thus far we have been establishing a reputation for quality that has so far won our 3G products awards in multiple regions around the globe. We will strive to continue this effort and ensure that our products work in as many places, for as many people as they can.

We have verified compatibility of the TL-MR3420 with 3G USB modems in the following locations:



Other regions are currently undergoing testing, for the latest updates of region compatibility you can visit:

www.tp-link.com

New 3G/3.75G Wireless N Router TL-MR3220

150Mbps



- USB 2.0 connector to an external UMTS/HSPA/EVDO USB Modem
- 3G/WAN Failover guarantees sustained Internet connection
- Wireless N speed up to 150Mbps
- CCA technology enhances your wireless performance with a more stable signal while automatically avoiding channel conflicts
- Easy wireless security encryption at a push of the QSS button
- WDS wireless bridge provides seamless bridging to expand wireless network
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC

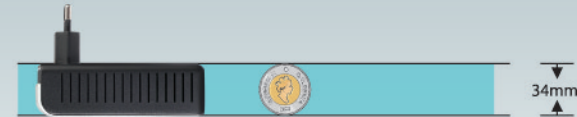
Internet Wherever There's An Outlet!



1 Remarkably Small



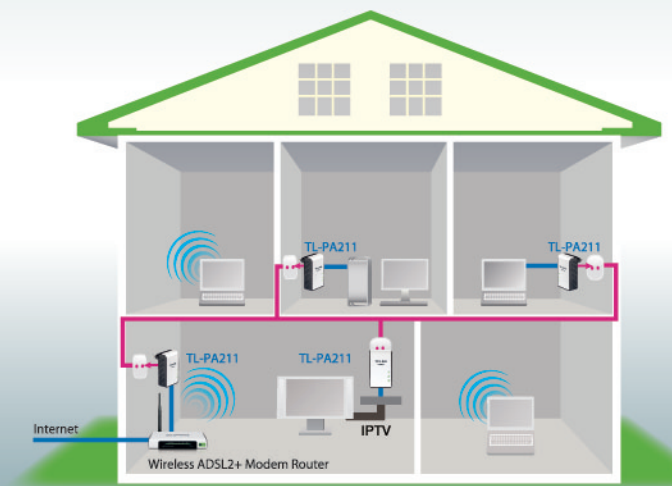
The width of a businesscard



The thickness of a coin

2 Easy to use

- Electric Wired
- Ethernet Cable



200Mbps Powerline Ethernet Adapter TL-PA201

- 1 Ethernet Port, Homeplug AV standard, IEEE 802.3, IEEE 802.3u
- Turns your existing powerlines into an Ethernet network connection, just plug and play
- High data rate up to 200Mbps, fast enough for HD video streaming
- Up to 300 meter range over the household power circuit for better performance through walls or across floors
- QoS assures the quality of bandwidth sensitive applications such as voice, video and online games
- Powerful 128-bit AES encryption ensures privacy and security for powerline communications
- Easily to connect your Powerline Ethernet network by just pushing a button
- Patented power save mode reduces power consumption by up to 65%
- A wide range of plug type including EU, UK, AU and US ensures that it can be used nearly all over the world
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux*

* Utility Support Windows 7 32/64 bit, Vista 32/64 bit, Windows XP 32/64 bit for the present



85Mbps Powerline Ethernet Adapter TL-PA101

- 1 Ethernet Port, Homeplug Turbo Standard, IEEE 802.3, IEEE 802.3u
- Turns your existing powerlines into an Ethernet network connection, just plug and play
- High data rate up to 85Mbps
- Up to 200 meter range over the household power circuit for better performance through walls or across floors
- QoS assures the quality of bandwidth sensitive applications such as voice, video and online games
- Powerful 56-bit DES encryption ensures privacy and security for powerline communications
- Patented power save mode reduces power consumption by up to 30%
- A wide range of plug type including EU, UK, AU and US ensures that it can be used nearly all over the world
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux*

* Utility Support Windows 7 32/64 bit, Vista 32/64 bit, Windows XP 32/64 bit for the present



AV200 Mini Powerline Adapter TL-PA211



- 1 Ethernet Port, Homeplug AV standard, IEEE 802.3, IEEE 802.3u
- Super Mini Size with a new outward, blends in completely in front of any power outlet
- Turns your existing powerlines into an Ethernet network connection, just plug and play
- High data rate up to 200Mbps, fast enough for HD video streaming
- Up to 300 meter range over the household power circuit for better performance through walls or across floors
- QoS assures the quality of bandwidth sensitive applications such as voice, video and online games
- Easily to establish a powerful 128-bit AES encryption connection by just pushing a button
- Patented power save mode reduces power consumption by up to 65%
- A wide range of plug type including EU, UK, AU and US ensures that it can be used nearly all over the world
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux*

* Utility Support Windows 7 32/64 bit, Vista 32/64 bit, Windows XP 32/64 bit for the present

HS85 Mini Powerline Adapter TL-PA111



- 1 Ethernet Port, high data rate up to 85Mbps
- Up to 200 meter range
- Powerful 56-bit DES encryption
- A wide range of plug type including EU, UK, AU and US
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux*

AV200+ Powerline Adapter with AC Pass-Through TL-PA251



- The integrated socket ensures that no electrical outlet is lost
- 1 Ethernet Port, high data rate up to 200Mbps
- Up to 300 meter range
- Powerful 128-bit AES encryption
- A wide range of plug type including EU, UK, AU and US
- Supports Windows 7/Vista/2003/XP/2000/98SE, Mac OS, Linux*

Day/Night Surveillance Camera TL-SC3171 & TL-SC3171G



New

TP-LINK day/night surveillance cameras TL-SC3171 & TL-SC3171G were developed to provide you with true around the clock surveillance.

FACTORS	TP-LINK TL-SC3171 / TL-SC3171G
Image Sensor	1/4" CMOS sensor
Min illumination / Light sensitivity (Color)	0.5 Lux (0 Lux when IR on)
Lens	F 4.3mm, F2.0
Max Resolution	VGA (640x480)0.3 Megapixel
Max Frames per second	30 at 640x480 Resolution
Color Fidelity and clear night vision effect	Mechanical ICR
Scheduled Motion Detection	✓
MSN View	✓
Mobile View	✓
HTTPS / SSL	✓
Supported Operation System	Windows; MAC OS; Linux
Supported Browser	IE; Firefox; Safari; Google Chrome

Night Vision

TL-SC3171G/SC3171 use the IR illuminator and get good quality images around the clock, even in low-light situations which are almost invisible to the naked eye.



Night vision

Mechanical ICR



- Ensures the vivid image in the day
- Produces the clear monochrome video at night
- Provides true day/night surveillance, which cannot be realized with traditional IR filters



With ICR engaged



With ICR disengaged

MSN View

The most innovative in monitoring methods using MSN as a medium through, which to view live, uninterrupted video from anywhere in the World as simply as having a chat with friends or family.

Wireless Day/Night Surveillance Camera TL-SC3171G



New

- Vivid image in the day and clear monochrome in the dark
- 10 meter (32.8 feet) night vision distance
- Stable and fast 54Mbps wireless connectivity
- 2-way audio transmission
- Live view through MSN chatting windows
- Remote view on 3G mobile phones, such as iPhone 3G
- Bundled 16-channel central management software



Day/Night Surveillance Camera TL-SC3171



New

- Vivid image in the day and clear monochrome in the dark
- 10 meter (32.8 feet) night vision distance
- Stable and fast 54Mbps wireless connectivity
- 2-way audio transmission
- Live view through MSN chatting windows
- Remote view on 3G mobile phones, such as iPhone 3G
- Bundled 16-channel central management software



Wireless 2-way Audio Surveillance Camera TL-SC3130G



Hot

- 1/4" Progressive Scan sensor with VGA resolution (0.3 Megapixel)
- Excellent low light sensitivity (Min illumination at 0.5 Lux)
- Stable and fast 54Mbps wireless connectivity
- 2-way audio transmission
- Live view through MSN chatting windows
- Remote view on 3G mobile phones, such as iPhone 3G
- Delivers MPEG-4 and MJPEG streams simultaneously
- Bundled 16-channel central management software



2-way Audio Surveillance Camera TL-SC3130



- 1/4" Progressive Scan sensor with VGA resolution (0.3 Megapixel)
- Excellent low light sensitivity (Min illumination at 0.5 Lux)
- 2-way audio transmission
- Live view through MSN chatting windows
- Remote view on 3G mobile phones, such as iPhone 3G
- Delivers MPEG-4 and MJPEG streams simultaneously
- Bundled 16-channel central management software



Transmit Electrical Power Over Cable Ethernet Cables



8-Port 10/100Mbps PoE Switch TL-SF1008P

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3af standards
- 8 10/100Mbps Auto-Negotiation RJ45 Ports with 4-Port PoE function (Port-1 to Port-4)
- Supports IEEE 802.3af PoE compliant PDs (Powered Devices)



PoE Injector TL-POE150S

- IEEE802.3, IEEE802.3u, IEEE802.3af standards
- Compatible with IEEE 802.3af compliant PDs
- Delivers power up to 100 meters
- Auto-determine the necessary power requirements
- Plug-and-Play, requires no configuration



PoE Splitter TL-POE10R

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3af standards
- Compatible with IEEE 802.3af compliant PSEs
- Delivers power up to 100 meters
- Plug-and-Play, requires no configuration
- Optional 12V DC or 5V DC power supply

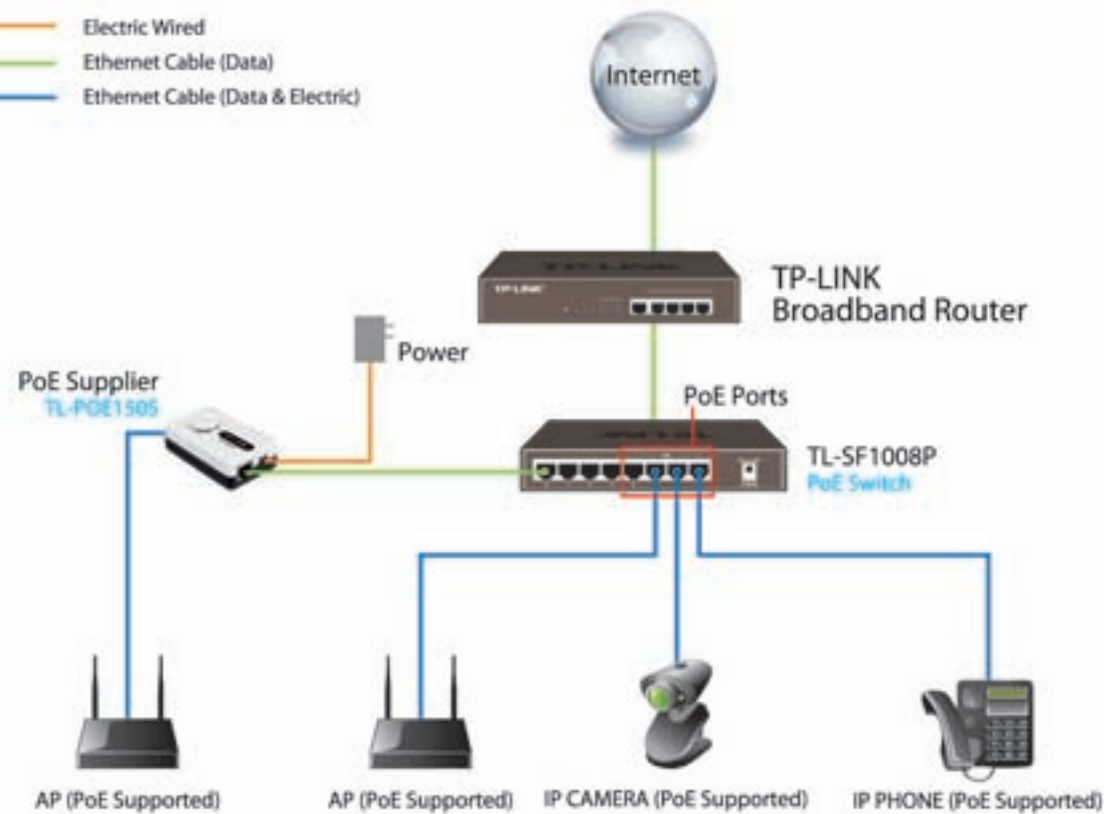


PoE Adapter Kit TL-POE200

- Delivers power up to 100 meters
- Optional 12V DC, 9VDC, 5V DC power supply
- Plug-and-Play, requires no configuration

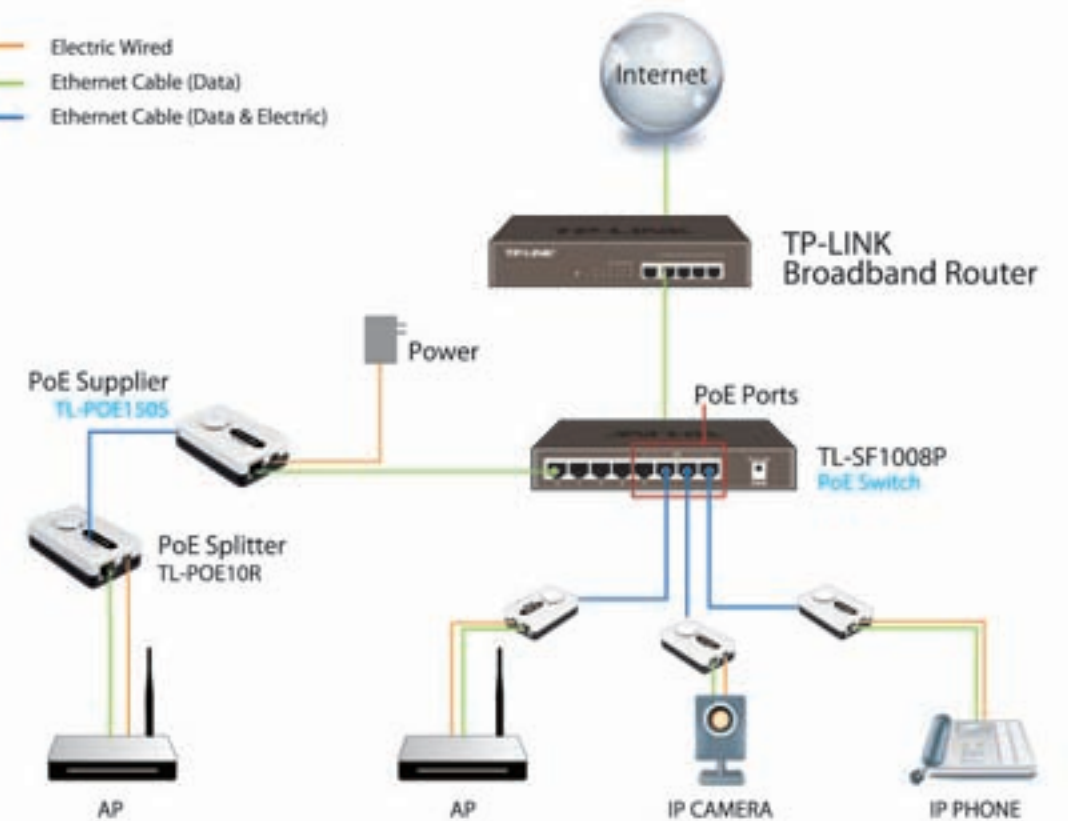
Solution 1 Powered Device Supporting PoE

- Electric Wired
- Ethernet Cable (Data)
- Ethernet Cable (Data & Electric)



Solution 2 Powered Device Without PoE

- Electric Wired
- Ethernet Cable (Data)
- Ethernet Cable (Data & Electric)



IN 2010

TP-LINK Sold 1 Router Every Second

2010

2010

TP-LINK annual exports of 195 million USD seventh highest of Shenzhen companies in 2010

2009

Successfully purchased 82, 898 square meters (about 125 acres) of land for the construction of "TP-LINK Industrial Park" Phase II project, with estimated total investment of 70-80 million USD and a total building area of approximately 250,000 square meters.

1 Mile Stones

2008

Two overseas branch offices in Germany and the United States begin operations.

2007

Successfully began operations at two overseas offices in Singapore and India.

2006

Independent factory for international business launched, occupying 4500 square meters with all workshops equipped with green lead-free (ROHS) equipment and environmental production line in line with international standards.

2005

Began venture into the international market.

1996

1996 TP-LINK brand established, meaning Twisted Pair Link.

1997

Own factory erected and five branch offices established throughout China.

1998

Total sales revenue broke 100,000,000 RMB (Approx.15 MILLION USD).

1999

The number of the branch offices in China increased to 10, with more than 600 excellent distributors throughout the whole nation.

2000

ISO9001:2000 international quality system certified.

2001

Fiber transponder and ADSL successfully developed.

2002

The first web smart switch and the first broadband router successfully developed and marketed.

2003

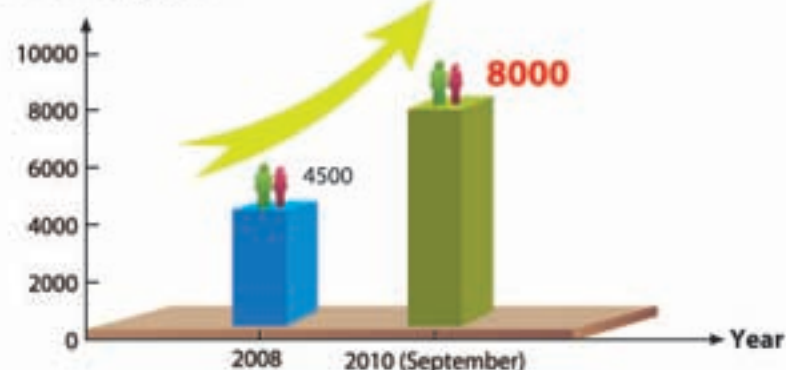
Launched 11Mbps 802.11b wireless products.

2004

Wireless products based on 802.11g/b standards featuring Super G and eXtended Range launched and marketed.

2 Employee Growth Rate

TP-LINK Employees



3 New Awards

<p>TL-WR1043ND wins Gold award from HWM magazine in Malaysia</p>	<p>TL-WR741ND wins Budget Buy awards from Expert Reviews in UK, 2010</p>	<p>TL-PA201KIT receives Budget Buy awards from Expert Reviews in UK, 2010</p>	<p>TL-WR1043ND gains award from E-Zone Choice in HongKong, 2010</p>	<p>TL-WR641ND wins Best Price to Value Award of Computer Bild in Germany, 2010</p>	<p>TL-WR641ND gains prize for favorable price premium features from Extra PC magazine in Czech Republic, 2010</p>
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