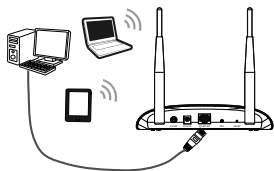


Installation

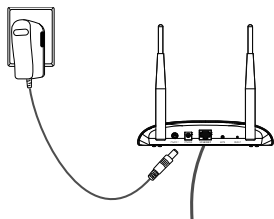
1

Connecting the Device for Configuration

- 1 Connect to the Access Point with the Ethernet cable or via wireless. The default SSID of the Access Point is TP-LINK_XXXXXX. The XXXXXX is the last 6 characters of the Access Point's MAC address.

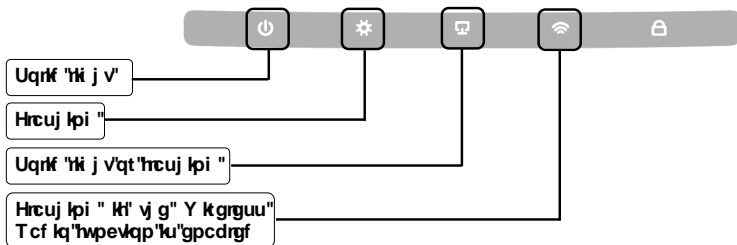


- 2 Plug the provided power adapter into the power jack on the back of the Access Point, and the other end to a standard electrical wall socket. Then press the **QP1QH1** button to power on the device.



Note If the distance between the outlet and the Access Point is too long to supply the power, you can refer to the Power over Ethernet (PoE) solution in **Cr r gpf lz "C<Y kj "RqG"Ugwr on r ci g"350**

- 3 Turn on all of your network devices and then check to see if the LEDs on the Access Point display normally as the diagram below describes.



Note If the LEDs display abnormally, please check to see if all the cable connectors (power adapter and Ethernet cable) are well connected to your device.

2

Configuring the device

1 "Nqi lp

Open your web browser, type in **3**; **4088: 0076** in the address bar and press **Gpvt**.

Address 192.168.0.254

A dialog box will prompt you for the **Wlgt "pco g** and **Rcuuy qtf**. Enter the default values and click **QM**.

Wlgt "pco g<cf o lp"
Rcuuy qtf <cf o lp"

Connect to 192.168.0.254

TP-LINK Wireless N Access Point WA801N

User name:

Password:

Remember my password

Click **QM**

Note If the dialog box does not pop up, please refer to **V5** in **Vtqwdrguj qqvpi "bn r ci g"32"** to assign a static IP address 192.168.0.100 for your computer. **V4** will give you some help if you forget the password.

2 Y ktgrguu"Ugwłpi u"

After successfully logging in, the Quick Setup page will display.

Quick Setup

Quick Setup

Welcome

This Quick Setup will guide you to setup the device step by step by performing some simple configurations.

To continue, please click the **Next** button.

Otherwise, you can click the **Exit** button to manually configure the device by yourself.

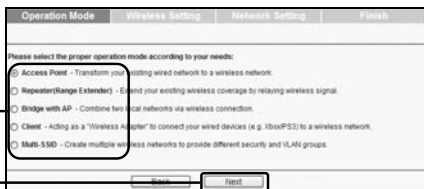
Click **Pgzv'**

Note If you click **Gzlv** and choose to manually configure the AP on your own need, please note that the DHCP is enabled during the configuration, it is essential to disable DHCP when all the settings are finished.

The Operation Mode page will appear then. The TL-WA801ND supports up to five operation modes. You can refer to the HELP page to know more about the five modes.

Select the operation mode based on your need."

Click Pgzv'



For Ceeguu'Rqlpv mode, please refer to part C'qp' r ci g'5.

For Tgr gcvgt *T cpi g'Gzvgpf gt-' mode, please refer to part D'qp' r ci g'6.

For Dtk i g'y kj 'CR' mode, please refer to part E'bp' r ci g'7.

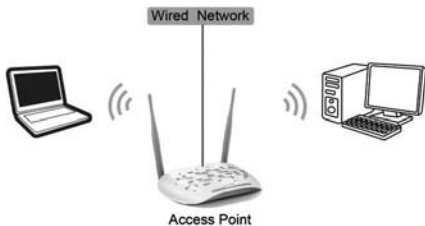
For Erkgpv mode, please refer to part F'qp' r ci g'8.

For OwnWUIK' mode, please refer to part G'qp' r ci g'9.

C0Ceeguu'Rqlpv'Oqf g"

l'v'qf wev'q p"

In this mode, the product will act as a wireless central hub for your wireless LAN clients, giving a wireless extension for your current wired network.



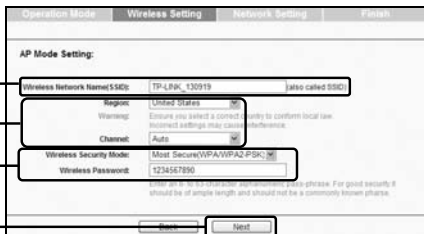
Ugw'pi u"

1"

2"

3"

Click Pgzv'



1. Create an easy-to-remember name for your wireless network here.
2. Select **T gi kqp** and **Ej cppgn** for your device.
3. Select **OquvUgewt**Y RC4/RUM+** mode and enter a wireless password below to prevent unauthorized access to your AP.

After the settings above, please go to **Pgy qtmUgwpi u** on **r ci g**: "to continue the configuration.

D0T gr gcvgt "T cpi g"Gz vgpf gt+"Oqf g"

lvtqf wevqp"

In this mode, the product can extend the coverage of another wireless Access Point or Router. The universal repeater mode is for the wireless Access Point or Router which does not support WDS function.



Ugwpi u"

Select the repeater mode, for example Universal Repeater.

Click **Uwt xg{ "**

The window displaying a list of available SSIDs will appear.

Find the SSID of the root Access Point / Router that you want to repeat, and then click **Epppgevin** in the corresponding row.

32	94-0C-8D-2F-2C-BE	TP-LINK_Network1	55dB	10	WPA/WPA2-PSK	Connect
33	80-AA-EB-03-28-3C	IP-WOL-R111R-B	15dB	11	OFF	Connect
34	8D-ED-4B-8E-ED-2C	JUC-88E03C	14dB	11	WPA2-PSK	Connect
35	AA-BB-CC-11-22-33	TP-LINK_001102	19dB	11	OFF	Connect
36	D8-5D-4C-09-12-67	TP-LINK_091267	15dB	11	OFF	Connect

You will then return to the previous page.

The security mode will be selected automatically, please confirm it and enter the password that is the same as on your router or access point."

Click **Pgzv'**

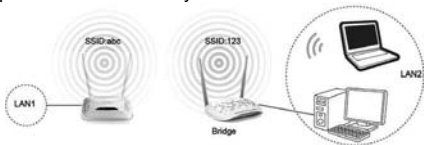
Note The setup for **YFU"Tr gcvgt** mode is similar to that of **WpkgtucnTgr gcvgt** mode.

After the settings above, please go to **Pgy qtrnUgwpi u on r ci g"**: to continue the configuration.

E0DtK i g'y kJ "CR'b qf g"

lptqf wevqp"

In this mode, the product can wirelessly connect two or more remote LANs together.



Ugwpi u"

Click **Uwtxg{ "**

The window displaying a list of available SSIDs will appear.

Find the SSID of the root Access Point / Router that you want to bridge, and then click "Eppgevin" in the corresponding row.

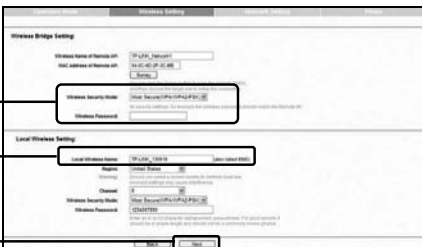
22	84-0C-ED-2F-2C-8E	TP-LINK_Network1	55dB	10	WPAWPA2-PSK	Connect
33	00-AA-ED-02-28-3C	IP-WDL-RT11T1R-B	15dB	11	OFF	Connect
34	00-ED-4B-86-ED-2C	JCG-8BED2C	14dB	11	WPA2-PSK	Connect
35	AA-BB-CC-11-22-33	TP-LINK_001102	19dB	11	OFF	Connect
38	D8-5D-4C-09-12-67	TP-LINK_091267	15dB	11	OFF	Connect

You will then return to the previous page.

The security mode will be selected automatically, please confirm it and enter the password that is the same as on the remote AP."

Create a name for the Local Wireless Network."

Click "Pgzv"



After the settings above, please go to **Pgw qtnfUgwpi u on r ci g**: to continue the configuration.

F0ErlgpV0qf g"

lptqf wevkp"

In this mode, the product will act as a wireless adapter to connect your wired devices (e.g. PC, Xbox, PS3, etc.) to a wireless network.



"
"
"
"
"
"
"
"
"
"
"

Ugwpi u"

Click **Uwtxg{ "**

Operation Mode	Wireless Setting	Network Setting	Finish
Client Mode Setting:			
Wireless Name of Root AP:		(also called SSID)	
MAC Address of Root AP:			
		<input type="button" value="Survey"/>	
<small>Click Survey button to scan the network SSIDs, and then choose the target one to setup the connection.</small>			
Region:	United States		
Warning:	Ensure you select a correct country to conform local law, incorrect settings may cause interference.		
Wireless Security Mode:	Most Secure(WPA/WPA2-PSK		
<small>All security settings, for example the wireless password should match the Root AP</small>			
Wireless Password:			
<small>Enter an 8- to 63-character alphanumeric pass-phrase. For good security it should be of ample length and should not be a commonly known phrase.</small>			
<input type="button" value="Back"/>		<input type="button" value="Next"/>	

The window displaying a list of available SSIDs will appear.

Find the SSID of the Access Point / Router or WISP, and click **Eppgevin** the corresponding row.

32	94-0C-6D-2F-3C-BE	TP-LINK_Network1	55dB	10	WPA/WPA2-PSK	<input type="button" value="Disconnect"/>
33	00-AA-EE-02-28-3C	IP-WDL-R1T1R-B	15dB	11	OFF	<input type="button" value="Disconnect"/>
34	00-EE-4B-8B-ED-2C	00-00-00-00-00-00	14dB	11	WPA2-PSK	<input type="button" value="Disconnect"/>
35	AA-BB-CC-11-22-33	TP-LINK_001102	19dB	11	OFF	<input type="button" value="Connect"/>
38	D9-5D-4C-09-12-67	TP-LINK_091267	15dB	11	OFF	<input type="button" value="Connect"/>

You will then return to the previous page.

Select the security mode and enter the password that is the same as on the root AP."

Operation Mode	Wireless Settings	Network Setting	Finish
Wireless Name of Root AP:		TP-LINK_Network1 (also called SSID)	
MAC Address of Root AP:		94-0C-6D-2F-3C-BE	
		<input type="button" value="Survey"/>	
<small>Click Survey button to scan the wireless networks, and choose the target one to setup.</small>			
Wireless Security Mode:	Most Secure(WPA/WPA2-PSK		
<small>All security settings, for example the wireless password should match the root AP/Router</small>			
Wireless Password:	1234567890		
<small>Enter an 8- to 63-character alphanumeric pass-phrase. For good security it should be of enough length and should not be a commonly known phrase.</small>			
<input type="button" value="Back"/>		<input type="button" value="Next"/>	

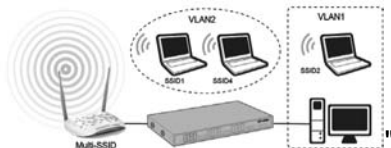
Click **Pgzv'**

After the settings above, please go to **Pgw qtrfUgwpi u on r ci g':** to continue the configuration.

G0'0wnk/UUIK "O qf g"

lvxqf wevqp"

In this mode, the product can be assigned up to four SSIDs to work with your VLAN.



Ugwłpi u"

You can create up to 4 SSIDs and rename them here."

Select Tgi lqp and Ej cppgn

Configure the wireless security for each SSID here.

Click Ucxg to apply the current security settings for the selected SSID.

Click Pgzv'

Operation Mode | Wireless Setting | Network Setting | Finish

Multi-SSID Mode Setting:

Enable VLAN: OFF ON

SSID1: TP-LINK_130919 VLAN ID: 1

SSID2: TP-LINK_130919_2 VLAN ID: 1

SSID3: TP-LINK_130919_3 VLAN ID: 1

SSID4: TP-LINK_130919_4 VLAN ID: 1

Region: United States

Warning: Ensure you select a correct country to conform local law, incorrect settings may cause interference.

Channel: Auto

SSID: TP-LINK_130919

Wireless Security Mode: Most Secure(WPA/WPA2-PSK)

Wireless Password: 1234567890

Save

Next

Note For the configuration of VLAN, please refer to the User Guide on the Resource CD.

After the settings above, please go to **Pgy qtmUgwłpi u** on r ci g": to continue the configuration.

3 Pgy qtmUgwłpi u"

The Network Setting page will appear then. It is recommended that you keep the default settings on this page.

Click Pgzv'

Operation Mode | Network Setting | Network Setting | Finish

DHCP Server: Disable Enable

In most of the cases your root AP/router has enabled DHCP server function, we highly recommended that you disable DHCP server function on this device to avoid any unpredictable problems.

IP Address: 192.168.0.254

Subnet Mask: 255.255.255.0

We recommend you configure this AP with the same IP address and subnet mask, but different IP address from your root AP/router.

Change the login account: NO YES

Save

Next

Note For advanced configurations on this page, please refer to the User Guide on the Resource CD.

4 Hlpkj "

After Network Settings, the Finish page will appear. Here takes the settings for Access Point mode for example.

Check your settings and click **Ucxg** to save your settings for future reference."

Click **Hlpkj "**

Equipment Mode Network Setting Network Setting Finish

Confirm the configuration you have set. If anything is wrong, please go **BACK** to reset. It is recommended to take a note of these settings that you'll need later for reference.

Wireless Setting

Operation Mode: Access Point

Wireless Network Name (SSID): TP-LINK_130919

Wireless Channel: 6

Wireless Security Mode: Most Secure(WPA/WPA2-PSK)

Wireless Password: 1234567890

Network Setting

Login Account: admin / admin

LAN IP Address: 192.168.0.254

DHCP Server: Disabled

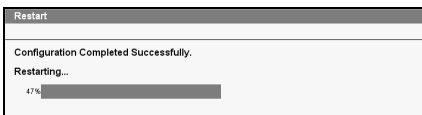
Save Save these settings as a text file for future reference

Finish

Click **QM"**



Wait until the device restarts successfully.



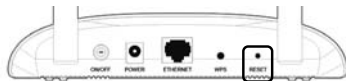
Congratulations! You have completed the setup.



Troubleshooting

V30J qy 'f q'K'guqtg'b { 'Ceeguu'Rq'lp,u'eqpH' wtcv'ap'q'ku'tcevtq { 'f gfcwn'ugw'ipi uA

With the Access Point powered on, use a pin to press and hold the **TGUGV** button on the rear panel for 5 to 8 seconds before releasing it.



Hold it in for 5 to 8 seconds

Note Once the Access Point is reset, the current configuration settings will be lost and you will need to reconfigure the Access Point.

V40'Y j cv'ecp'K'f q'K'W'K'qti g'v'o { 'r cuuy qtf A"

- 1) Try to use the default user name and password: **cf o lp, cf o lp**;
- 2) Referring to the file that you have saved in **4 H'lp'uj** last time you configured the device, the file will show you the user name and password that you have configured.
- 3) If the password is still not the correct one, then you can try to restore the Access Point's configuration to its factory default settings referring to previous section **V3** and try to reconfigure your AP by following the instructions of this QIG.

V50'Y j cv'ecp'K'f q'K'K'ecppq'v'ceeguu'v'j g'y gd'cducg 'eqpH' wtcv'ap'r ci gA"

Assign a static IP address 192.168.0.100 for your computer first before logging in the management page. Here takes the procedures in Windows 7 for example."

Go to **Uvctv'> Ugw'ipi u > Eqpvtqrl' Rcp'gn** and then you will see the following page.

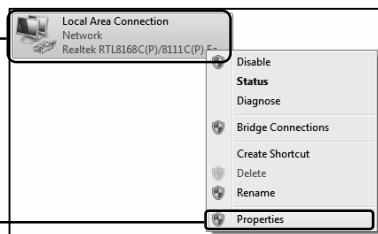
Click "**X'lg'y 'pg'y qtm' uvcwu'cpf 'vcumu**"



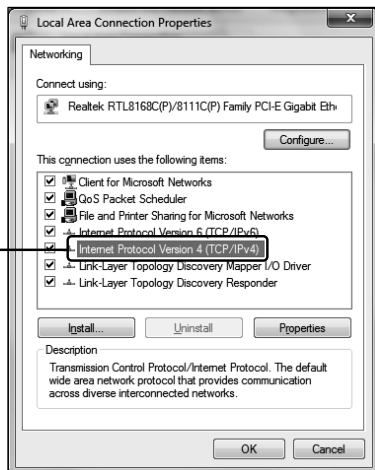
Click **Ej cpi g'cf cr vgt'ugwłpi u**



Right-click **NqecriCtgc"
EqppgeVqap"**



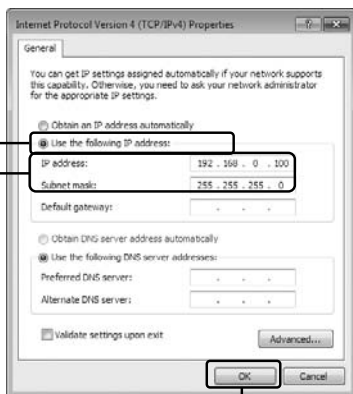
Click **Rtqr gtVgu"**



Double-click **łvgtpgv'
Rtqvqqr' Xgtulqap" 6"
*VER1R×6+**

Select **Wug"lj g"lqny lpi "R"**
cf f tguu"

Enter the 192.168.0.100 into the **R"cf f tguu** field, 255.255.255.0 into the **Uwdpgv'o cum**field



Click **QM"**

Now, try to log on to the Web-based configuration page again after the above settings have been configured. If you still cannot access the configuration page, please restore your Access Point's factory default settings and reconfigure your Access Point following the instructions of this QIG. Please feel free to contact our Technical Support if the problem persists.

Note While the reconfiguration is done, you need to change the IP address settings as below. Then, with the correct hardware connection, you can surf the Internet successfully.

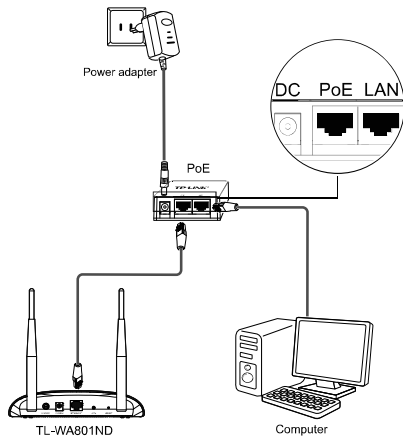
Select **Qdvcip" cp" R" cf f tguu"**
cwqo cvecrf "

Select **Qdvcip" FPU" ugtxgt"**
cf f tguu"cwqo cvecrf "



Appendix A: With PoE Setup

- 1 Turn off all your network devices, including your computer(s), power injector and the AP.
- 2 Connect your computer to the **NCP** port on the power injector with an Ethernet Cable.
- 3 Connect your AP to the **RqG** port on the power injector with an Ethernet Cable.
- 4 Plug the provided power adapter into the **FE** jack on the power injector, and the other end to a standard electrical wall socket.



- Note**
1. Passive PoE Injector supports a maximum cable length up to 30 meters due to the environment.
 2. For longer powered cable up to 100 meters, please choose TP-LINK's 48V PoE adapters: TL-POE200 or TL-POE150S & TL-POE10R.

Product information can be found on our official website
<http://www.tp-link.com>.

Vgej plecrUwr r qtv

- For more troubleshooting help, go to:
j w <ly y 0r /hpnteqo tptUwr r qtvfcs
- To download the latest Firmware, Driver, Utility and User Guide, go to:"
j w <ly y 0r /hpnteqo tptUwr r qtvf qy pqtcf
- For all other technical support, please contact us by using the following details:

L rjdcn

Tel: +86 755 26504400
E-mail: support@tp-link.com
Service time: 24hrs, 7 days a week

Ulpi cr qta"

Tel: +65 62840493
E-mail: support.sg@tp-link.com
Service time: 24hrs, 7 days a week

WM

Tel: +44 (0) 845 147 0017
E-mail: support.uk@tp-link.com
Service time: 24hrs, 7 days a week

WUC'Ecpf c

Toll Free: +1 866 225 8139
E-mail: support.usa@tp-link.com
Service time: 24hrs, 7 days a week

Ocref ulc"

Tel: 1300 88 875465 (1300 88TPLINK)
Email: support.my@tp-link.com
Service time: 24hrs, 7 days a week

Vwngf"

Tel: 444 19 25 (Turkish Service)
E-mail: support.tr@tp-link.com
Service time: 9:00 AM to 6:00 PM
7 days a week

Rqrepf "

Tel: +48 (0) 801 080 618 / +48 22
7217563 (if calls from mobile phone)
E-mail: support.pl@tp-link.com
Service time: Monday to Friday 9:00 AM
to 5:00 PM. GMT+1 or GMT+2
(Daylight Saving Time)

L qto cpf "TCwulc"

Tel: +49 1805 875465 (German Service)
+49 1805 TPLINK

E-mail: support.de@tp-link.com
Fee: 0.14 EUR/min from the German
fixed phone network and up to 0.42
EUR/min from mobile phone
Service time: Monday to Friday 9:00 AM
to 6:00 PM. GMT+ 1 or GMT+ 2
(Daylight Saving Time in Germany)
*Except bank holidays in Hesse"

Cwutrcic' l' Pgy ' l gcrpf

Tel: AU 1300 87 5465
NZ 0800 87 5465
E-mail: support@tp-link.com.au
Service time: 24hrs, 7 days a week

Kcrl "

Tel: +39 02 66987799
E-mail: support.it@tp-link.com
Service time: Monday to Friday
9:00 AM to 6:00 PM

Wntclpklcp"

Tel: +380 (44) 590-51-14
E-mail: support.ua@tp-link.com
Service time: Monday to Friday
14:00 PM to 22:00 PM

Dtel klcp"

Toll Free: 0800-770-4337 (Portuguese
Service)
E-mail: suporte.br@tp-link.com
Service time: Monday to Saturday
08:00 AM to 08:00 PM

Hof apgulc"

Tel: (+62) 021 6259 135
E-mail : support.id@tp-link.com
Service time : Monday to Friday
9:00 -12:00; 13:00 -18:00
*Except public holidays

Uv kl qtrcpf

Tel: +41 (0) 848 800998 (German Service)
E-mail: support.ch@tp-link.com
Fee: 4-8 Rp/min, depending on rate of
different time
Service time: Monday to Friday 9:00 AM to
6:00 PM. GMT+ 1 or GMT+ 2
(Daylight Saving Time)

T'wulcp'Hof qtcvqpf"

Tel: 8 (499) 754-55-60
8 (800) 250-55-60 (toll-free call from any
RF region)
E-mail: support.ru@tp-link.com
Service time: From 10:00 to 18:00
(Moscow time)
*Except weekends and holidays in Russian
Federation