

# **Quick Installation Guide**

1-Port Gigabit GPON Terminal



**Necessary Information** For a smoother setup, we suggest that you consult your ISP first and ask for the following information . This information will be

\_\_\_\_ GPON Password: \_\_\_\_



QIG

Quick Installation Guid

TP-LINK



**Ethernet Cable** 

**Resource CD** 

GPON SN: \_\_\_\_\_

used during the configuration stage.



**Power Adapter** 



**1** Hardware Connection

LED	Colour	Status	Indication
_		On	The ONT is powerd on.
Power	Green	Off	The ONT is off.
		Solid	The ONT has connected to the OLT.
GPON	Green	Flashing	The ONT is trying to set up a connection to the OLT.
		Off	The ONT fails to connect to the OLT.
LOS	Red	Flashing	The Rx optical power of the ONT is lower than the optical receiver sensitivity.
		Off	The Rx optical power is normal.
		Solid	There is a device connected to this LAN port.
LAN	Green	Flashing	The device is sending or receiving data over this LAN port.
		Off	There is no device connected to this LAN port.

MODEL NO. TX-6610

7106504281 REV1.0.0

## 2 Configuring the ONT

- Assign an IP address to your computer referring to T3 in 1 Troubleshooting.
- Open your browser and type http://192.168.1.1 in the address 2 field. Enter the default user name and password admin/admin and then click **OK**.



Choose **Network** -> **PON** to complete the PON settings. You are 3 required to enter **GPON SN** or **GPON Password** or **both** given by your ISP to pass the OLT authentication. Then click **Save** to make the settings take effect.

3PON Password		
GPON Password(Notice: Maximum 10 ASCII characters)		
Old Password:		(0)characters
New Password:		
	Save	
SPON SN		
GPON SN(Notice: Must be 16 Hexadecimal Numbers )		
Old SN:	4154485201020304	
New SN:		· · · · · · · · · · · · · · · · · · ·
	Sare	



Paint Paint		and the second se			[	
- ap					Control Panel	All Control Panel Items      Network and Sharing Center
Getting Started					Control Panel Home	View your basic network information and set up connections
	english				Change adapter settings	See full map
Windows Media Cente	r Dawe				Change advanced sharing settings	ENGLISH-PC Internet (This computer)
Calculator	Documen	185				View your active networks
City Nature	Pictures					Change your networking settings
Sticky Notes	Music					Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.
Snipping Tool						🐲 Connect to a network
Remote Desktop Conn	Games					Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
	Compute	r 🕨				Access files and printers located on other network computers, or change sharing settings.
Magnifier	Control P	anel			See also	Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.
Solitaire		10:1			HomeGroup Internet Options	
-11	Devices al	nd Printers			Windows Firewall	
	Default Pr	rograms				
All Programs	Help and	Support				
-						
I a second						
Search programs and files	Shut dow	n D				
Search programs and files	P Shut dow			Δ	Click <b>Conn</b>	act to the Internet and then click I
Isearch programs and files	And Sharing	Center.		4	Click <b>Conne</b>	ect to the Internet, and then click I
Search programs and files	Find dow	Center.	1	4		ect to the Internet, and then click I
Search programs and files	Find dow	Center.		4	Click Conne Set Up a Conne Choose a conn	ect to the Internet, and then click I
Search programs and files	Shut dow	Center.		4	Click Conne © 😰 Set Up a Conne Choose a conn W	ect to the Internet, and then click I  retion or Network  section option  To the Mennet
Search programs and files	Control Contr	Center.		4	Click Conne © @ Set Up a Conne Choose a conn © © © Conse Choose a conn	ect to the Internet, and then click I retion or Network retion option To the Internet Works, broadband or galage connection to the Internet rev network
Search programs and files Search programs and files Search programs and files Click Network Click Network Click Network Click Network Click Network Click Network Click Network Click Network Click Network	Control Sharing Control Shared Cont	Center.		4	Click Conne Set Up a Conce Choose a conn Choose a conn Choose a conn Choose a conn Choose a conn	ect to the Internet, and then click I ction or Network tection option to the Internet more the Andread or a claim or connection to the Internet ware network a a new routed or access point.
Search programs and files         Search programs and files         Search programs and files         Click Network         Click Network         Click Network         Adjust your computer's settings         Display         Intelling Dystoms         Intelling Dystoms         Intelling Dystoms         Intelling Dystoms		Center.		4	Click Conne Set Up a Conse Choose a conn Choose a conn Choose a Conne Choose a Choose a Cho	ect to the Internet, and then click I we clion or Network section or Network To the Internet minists incorter or access point. To a werplace Bail up or VM connection to your workplace.
Search programs and files	Cand Sharing Cand Sharing Cand Sharing Can d Acess Center Can d Acess	Center.		4	Chick Conne Choose a conn Choose a conn Choo	ect to the Internet, and then click I  tetion or Network  ection or Network  ection option  In the internet worknow constant or an large connection to the Internet  worknow constant or access point.  to a workpice Bail-up or VPM connection to your workplace. Bail-up connection
Elick Network	Cand Sharing Cand Sharing Cand Sharing Cand Share Cand	Center. Ceverbare Verky Legeton Verky Legeto		4	Click Connect	ect to the Internet, and then click I action or Network action or Network to the Internet where howers how for a datage connection to the Internet are not could or a datage connection to the Internet are not could or a datage connection to the Internet are not could or a datage connection to the Internet are not could or a datage connection to the Internet is the internet visition a data-up connection.
Escarch programs and files Escarch programs and files Elick Network Click Setwork Click Setwork Click Setwork Click Setwork Click Setwork Click Setwork Setw	Cand Sharing Cand Sharing Cand Sharing Cand Sharing Cand Shared C	Center. Cetter Cetter Aver		4	Click Connect	ect to the Internet, and then click I action or Network ection option In the internet workes, browshand, or dial au connection to the Internet workes, browshand, or dial au connection to the Internet as ner router or access point. Its verifyice Bai up or access point. Its verifyice Bai up or access point. Its verifyice Its the internet using a dial-up connection.

# **Connect to the Internet** (Here we use the procedures in Windows 7 as an example.)

Connect to the Internet	
How do you want to connect?	
Wireless Connect using a wireless router or a wireless network.	
Broadband (PPPoE) Connect using DSL or cable that requires a user name and	password.
Show connection options that this computer is not set up to a Help me choose	ise

Enter the User name and Password given by your ISP, and type a Connection name to identify your connection, and then click Connect.



Click Connect.

7





nection to the Internet is ready to us To connect to the Internet next time, left-click the network icon i the tackbar and click the connection you just created Close To connect to the lnternet next time, click the icon 🟗 or 📷 at the bottom of your screen in your system tray, and then click the connection you just created.

- • ×

Click **Close** to finish the setup.

Connect to the Internet

8

For the advanced configurations, please refer to the User Guide on the Resource CD provided, or log on to www.tp-link.com -> select your region -> search for the product, the User Guide can be found under the "Download" tab on the product page.

# Troubleshooting

6

### T1. How can I restore my ONT's configuration to its factory default settings?

Once the ONT is reset, the current settings will be lost and you will need to reconfigure it. We strongly suggest you back up the current settings before resetting the ONT. With the ONT powered on, use a pin to press and hold the **RESET** button on the rear panel for 5 seconds before releasing it.

### T2. What can I do if I forget my ONT's password?

Reset the ONT first and then use the default user name and password: admin/admin.

### T3. How can I assign an IP address to my computer? For Mac OS X

- Click the Apple icon on the upper left corner of the screen.
- Go to "System Preferences -> Network".
- Select Airport on the left menu bar, and then click Advanced for wireless configuration; or select Ethernet for wired configuration
- In the Configure IPv4 box under TCP/IP, select Manually and then enter 192.168.1.x into the IP Address field, 255.255.255.0 into the Subnet mask filed. Click Apply to save the settings.

#### For Windows 7

- Click "Start -> Control Panel -> Network and Internet -> View network status -> Change adapter settings".
- Right-click Wireless Network Connection (or Local Area Connection), and then click Properties.
- Select Internet Protocol Version 4 (TCP/IPv4), and then click Properties.
- Select Use the following IP address and then enter 192.168.1.x into the IP address field, 255.255.255.0 into the Subnet mask filed. Then click OK.

#### For Windows XP

- Click "Start -> Control Panel -> Network and Internet Connections -> Network Connections".
- Right-click Wireless Network Connection (or Local Area Connection), and then click Properties.
- Select Internet Protocol (TCP/IP), and then click Properties.

• Select Use the following IP address and then enter 192.168.1.x into the IP address field, 255.255.255.0 into the Subnet mask filed. Then click OK.

#### For Windows 8

- Move your mouse to the lower right corner and you will see the **Search** icon in the Popups
- Go to Apps, type Control Panel in the search box and press Enter.
- Go to "Control Panel -> View network status and tasks -> Change adapter settings"
- Right-click Ethernet, select Properties. Then double-click Internet Protocol Version 4 (TCP/IPv4)
- Select Use the following IP address and then enter 192.168.1.x into the IP address field, 255.255.255.0 into the Subnet mask filed. Then click OK.

#### T4. What can I do if I cannot access the Internet?

- 1) Check to see if all the connectors are connected well, including the Fiber line, Ethernet cables and power adapter, based on the LEDs described previously.
- 2) Check to see if the ONT is registered correctly based on the GPON LED described previously and if the Authentication status is Registered in System Status page. If not, please enter the GPON SN or GPON Password described in step 2 again and wait for approximately 2 minutes or try to unplug the fiber and then connect it again. If the problem still exists, please consult your ISP to make sure if you have entered the correct GPON SN or GPON Password.
- 3) Check to see if the dialing software used in step 3 installed correctly and make sure the account username and password are correct.
- If you still cannot access the Internet, please restore your ONT to its factory 4) default settings and reconfigure it by following the instructions in this QIG.
- 5) Please feel free to contact our Technical Support if the problem still exists.
- For more details about Troubleshooting and Technical Support contact information, please log on to our Technical Support website: http://www.tp-link.com/en/support

## **Technical Support**

Australia / New Zealand

NZ 0800 87 5465

Toll Free: +1 866 225 8139

E-mail: support.usa@tp-link.com Service time: 24hrs, 7days a week

E-mail: support.my@tp-link.com Service time: 24hrs, 7days a week

(if calls from mobile phone) E-mail: support.pl@tp-link.com

E-mail: support.ch@tp-link.com Fee: 4-8 Rp/min, depending on rate of

Email: support.fr @tp-link.com Fee: 0.118 EUR/min from France

Tel: +48 (0) 801 080 618 / +48 227 217 563

Service time: Monday to Friday, 09:00 to 17:00. GMT+1 or GMT+2 (Daylight Saving Time)

Service time: Monday to Friday, 09:00 to 12:30 and 13:30 to 17:30. GMT+ 1 or GMT+ 2

Switzerland Tel: +41 (0)848 800998 (German Service)

France Tel: +33 (0) 820 800 860 (French service)

Service time: Monday to Friday, 09:00 to 18:00 \*Except French Bank holidays

Tel: 8 (499) 754 5560 / 8 (800) 250 5560 (toll-free call from any RF region) E-mail: support.ru@tp-link.com

Service time: From 10:00 to 18:00 (Moscow time)

E-mail: support.au@tp-link.com (AU) support.nz@tp-link.com (NZ) Service time: 24hrs, 7 days a week

Tel: 0850 72 444 88 (Turkish Service) E-mail: support.tr@tp-link.com Service time: 09:00 to 21:00 , 7days a week

Tel: AU 1300 87 5465

Turkey

USA / Canada

Malaysia Tel: 1300 88 875465

Poland

lifferent time

(Daylight Saving Time)

**Russian Federation** 

- For more troubleshooting help, go to http://www.tp-link.com/en/support/faq
- To download the latest Firmware, Driver, Utility and User Guide, go to http://www.tp-link.com/en/support/download
- For all other technical support, please contact us by using the following details

Tel: +86 755 2650 4400 E-mail: support@tp-link.com Service time: 24hrs, 7 days a week Singapore Tel: +65 6284 0493 E-mail: support.sg@tp-link.com

Service time: 24hrs, 7 days a week UK

Tel: +44 (0) 845 147 0017 E-mail: support.uk@tp-link.com Service time: 24hrs, 7days a week Ukraine Tel: 0800 505 508

E-mail: support.ua@tp-link.com Service time: Monday to Friday, 10:00 to 22:00

Brazil Toll Free: 0800 608 9799 (Portuguese Service) E-mail: suporte.br@tp-link.com Service time: Monday to Friday 09:00 to 20:00; Saturday, 09:00 to 15:00

Italy Tel: +39 023 051 9020 E-mail: support.it@tp-link.com Service time: Monday to Friday, 09:00 to 13:00; 14:00 to 18:00

Tel: (+62) 021 6386 1936 E-mail: support.id@tp-link.com Service time: Monday to Friday, 09:00 to18:00 \*Except public holidays Germany / Austria

Tel :+49 1805 875465 (German Service) +49 1805 TPLINK +43 820 820 360 F-rail: 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, 09:00 12:30 and 13:30 to 17:30. GMT+1 or GMT+2 (Daylight Saving Time in Germany \* Except bank holidays in Hesse

**TP-LINK TECHNOLOGIES CO., LTD.** 



