HG658

Configuring in Layer2 PPPoE for Windows 10

IMPORTANT MESSAGE

Your modem has already been pre-configured, you do not need to follow each step of the set-up guide but should retain this document in case you need to manually configure your equipment.

To configure your PC/Laptop with your wireless password including changing your wireless password, please proceed to step 4.

Contents

- 1. Physical Connection
- 2. Network Configuration
- 3. Configuring Modem
- 4. Configuring Wireless
- 5. Change of Password

1. PHYSICAL CONNECTION

Have your modem powered on and connected directly to your PC via Ethernet Cable before you begin, as these instructions are based on wired Ethernet connection



- 1. Connect the Power port on the back of your modem to your power socket.
- 2. Connect the DSL port on the back of the modem to your telephone wall socket.
- 3. Connect your telephone handset to the Phone1 port on the back of your modem.
- 4. Connect your PC to any of the 4 LAN ports on the back of your modem.

2. NETWORK CONFIGURATION

PPPoE connection does not require you to have an IP address or DNS settings manually encoded on your network card. PPPoE connection uses authentication to establish the Internet connection and once connected your modem will be assigned an IP and DNS settings from TPG.

To begin, your PC needs to receive a private IP address from the modem. Most modems have DHCP enabled by default that will take care of this.





To ensure your Network Card is ready for this, please follow the following steps:

- A. Click Start -> Settings -> Network and Internet -> Ethernet -> Change adapter options
- B. Right click on Ethernet, and then click Properties

C. Under Ethernet properties, select Internet Protocol Version 4 TCP/IP v4 and then click Properties

D. Ensure "Obtain an IP address automatically" is selectedE. Ensure "Obtain DNS server address automatically" is selectedF. Click OK

3. CONFIGURING MODEM

- A. Open your browser and in the address bar type http://192.168.1.1 and press Enter
- B. Enter **admin** for both the username and password and click **Login**. If you have changed the login credentials, please enter the current username and password for your modem interface.



-		
Ethernet Properties	×	
Networking		
Connect using:		
Killer e2200 Gigabit Ethemet Controller (NDIS 6.30)		
Configure	i II	
This connection uses the following items:	1	
Qualcomm Atheros Bandwidth Control		
Internet Protocol Version 4 (TCP/IPv4)		
Incrosoft Network Adapter Multiplexor Protocol Ink-Laver Topology Discovery Mapper I/O Driver	111	
Intr-Layer robology biscovery mapper i/o bilver		
Internet Protocol Version 6 (TCP/IPv6)		
Link-Layer Topology Discovery Responder		
< >>		
Install Uninstall Properties		

Internet Protocol Version 4 (TCP/IPv4) Properties						
General	Alternate Configuration					
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.						
Obtain an IP address automatically						
OUs	e the following IP address	5:				
IP ac	idress:					
Subr	iet mask:					
Defa	ult gateway:					
Obtain DNS server address automatically						
O Use the following DNS server addresses:						
Prefe	erred DNS server:					
Alter	nate DNS server:					
V	alidate settings upon exit	Advanced				
		OK Cancel				





Modem Configuration Guide

C. You will see the screen shown on the right. Click Next.



D. Enter your TPG username and password. Click Next.



E. You can change your WiFi details or elect to keep the default settings. The default WiFi SSID is TPG-xxxx (xxxx is a random 4 digit alphanumeric code printed on the sticker underneath your modem). The WiFi password is set to your TPG password by default. Click **Next**.

	Advance < Back Next >			
WPA pre-shared key:	•••••			
SSID:	TPG-XXXX			
parameters are compulsory during the process when the comp	outer connects to the network.			
Please set the parameters of the wireless network. After setting the parameters, remember the SSID and the password. These two				
Step 3				

F.	Clic	k Subr	nit.
Qı	uick	Setup	complete!

Step 4			
Please check the following parameter settings and ensure that the settings are correct. Click Submit for the settings to take effect.			
WAN device:	VDSL -		
User name:	tpguser		
Password:	•••••		
SSID:	TPG-XXXX		
WPA pre-shared key:	•••••		
Please visit <u>http://www.huaweidevice.com</u> for further information for your device.			

4. CONFIGURING WIRELESS

Things you need to know before you begin:

By default the modem that you purchased from TPG is configured with the following wireless security settings:

SSID (name for the wireless connection): TPG-xxxx (xxxx is a random 4 digit alphanumeric code printed on the sticker underneath your modem)

Authentication Type: WPA-PSK/WPA2-PSK

Encryption: TKIP/AES

Pre Shared Key: initially configured to be the same as your TPG password. You can enter your own text as an option.



HG658



To use Wireless, ensure that you already have set up your wireless adapter.

- A. Click Start -> Settings -> Network and Internet
- B. Click Wi-Fi and then find the SSID (Network name) of your modem. By default, the network name should be TPG-xxxx (xxxx is a random 4 digit alpha numeric code).
- C. Ensure **Connect Automatically** is ticked, and then **Click Connect.**



D. You will now be prompted to enter your network security key/ Wireless password. This is the same as your TPG password if you did not change it on the modem.
E. Click NEXT to finish.

Note: You'll see an option that says "share this network with my contacts". We recommend you don't tick this box.



F. You should now see your status as 'Connected'.

5. CHANGE OF PASSWORD

For security purposes we highly recommend that you change your password if you are using your default or if you believe your password security has been compromised. For password information, please visit <u>www.tpg.com.au/support</u>.

PLEASE NOTE:

Each time your modem is powered on, it will initialize this automated authentication process after which your modem will receive a public IP address (fixed or dynamic depending on your plan) and DNS settings from TPG.



