



WORK INSTRUCTION

2.5G UONU



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PACKAGE CONTENT



1. PACKAGE CONTENT: GPON ONT GN630E



1 x UONU with 2.5G WAN



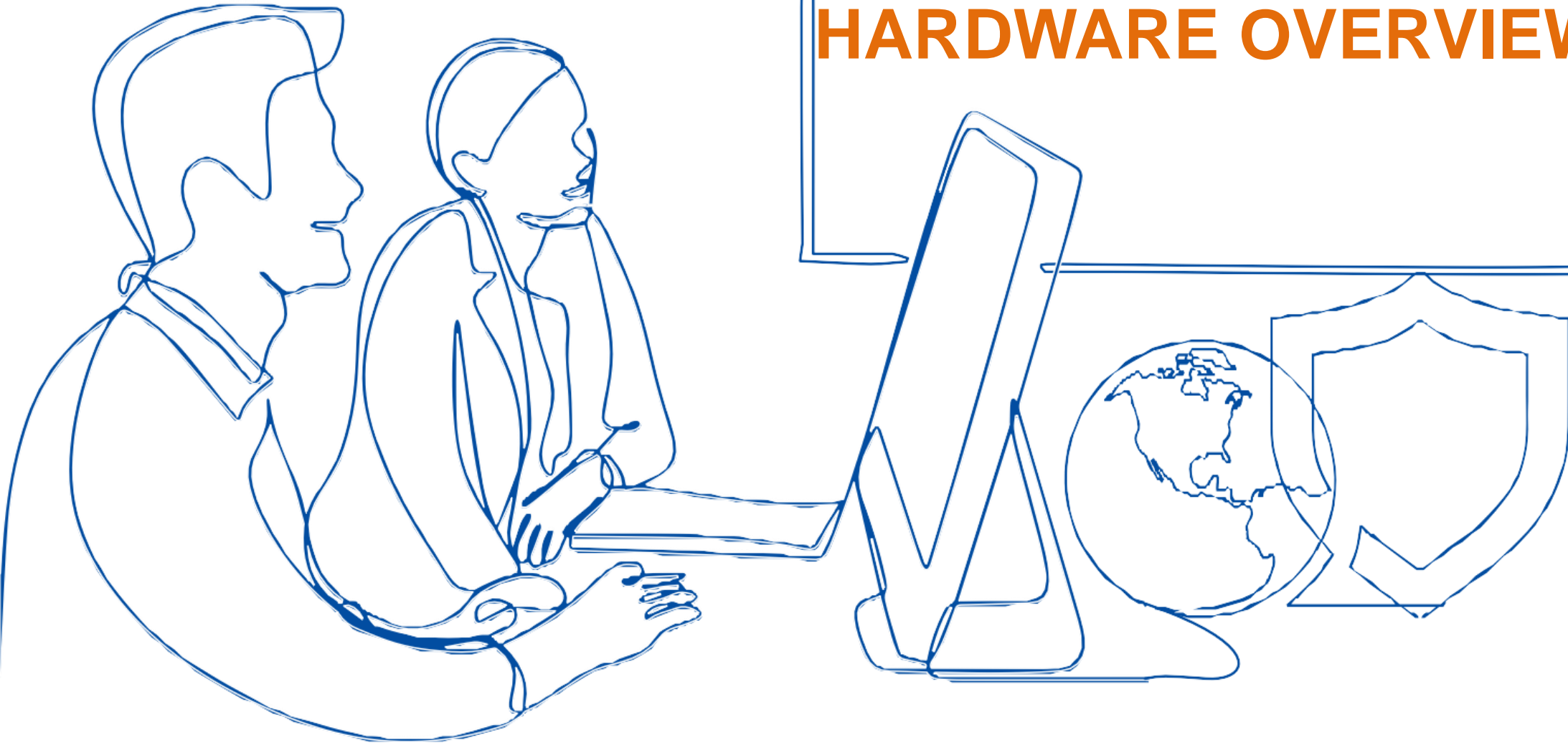
1 x 3-pin UK power adapter with 1 meter cable



1 x Quick Installation Guide



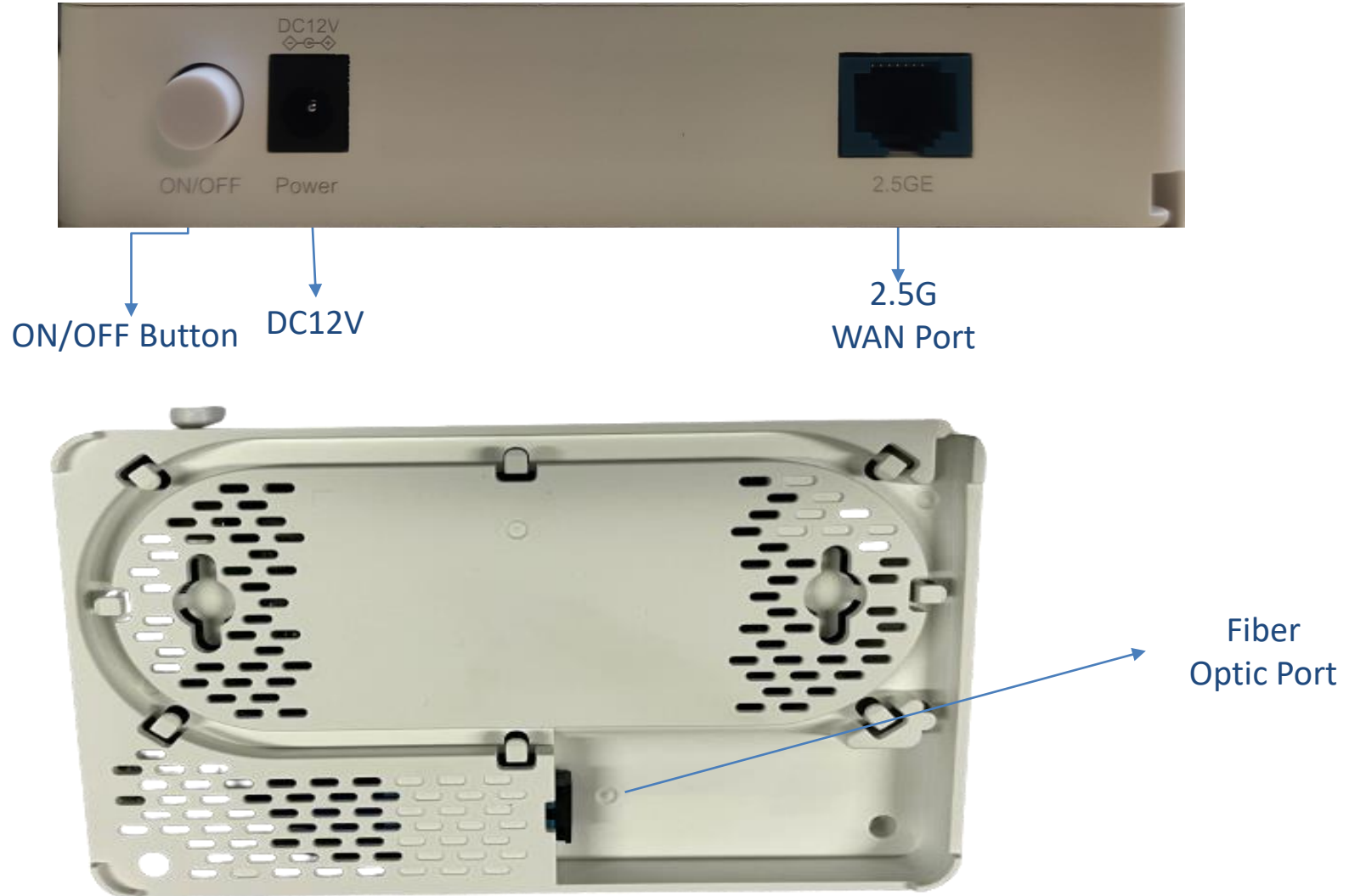
HARDWARE OVERVIEW



2. HARDWARE OVERVIEW - INTERFACES



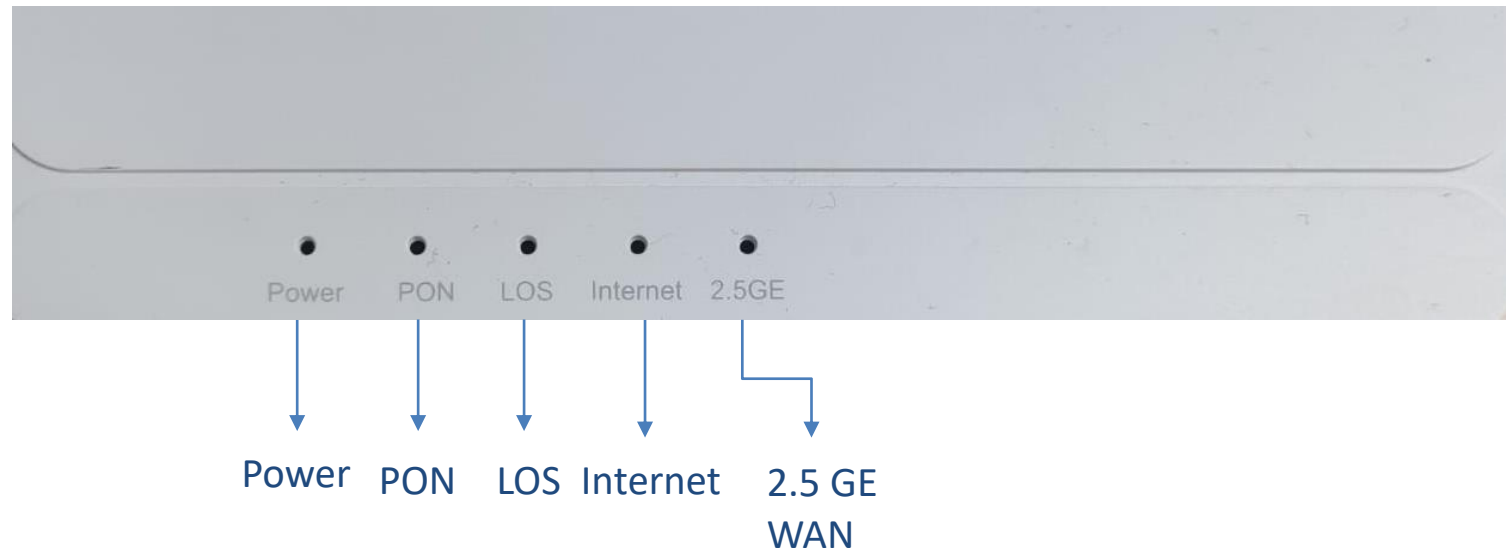
GPON ONT GN630E



2. HARDWARE OVERVIEW – LED INDICATORS



GPON ONT GN630E



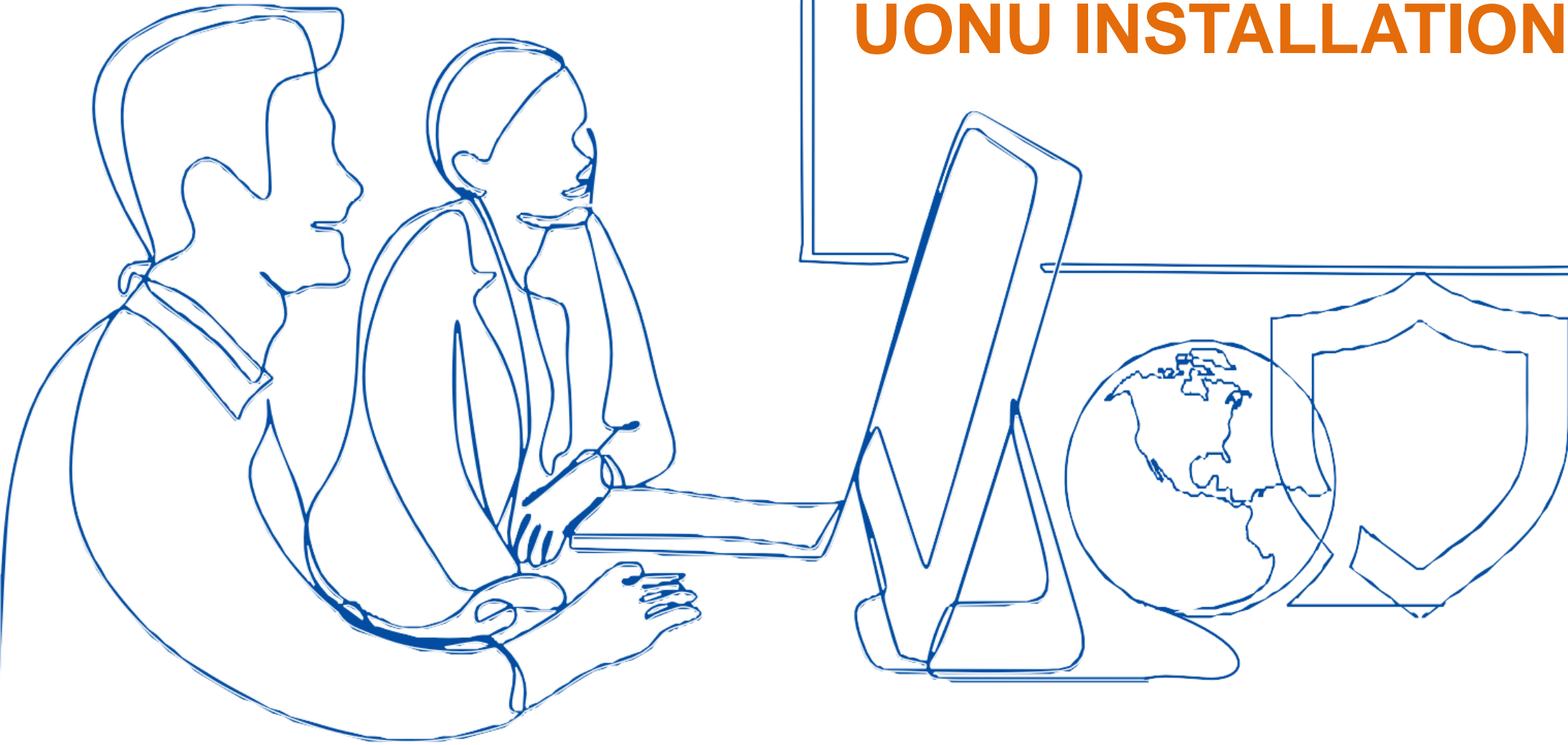
2. HARDWARE OVERVIEW – LED DESCRIPTION



GPON ONT GN630E

INDICATOR	STATUS	DESCRIPTION
Power	Solid ON (Green)	Device power is on
	Off	Device power is off
Internet	Solid ON	Internet connected successfully
	Off	ONT in bridged mode / no IP connection
PON	Solid ON	ONT is online and authenticated with OLT
	Blinking	ONT is attempting to range with OLT, or ONT not successfully authenticated with the OLT (wrong password/port)
	Off	No optical power (Fiber not connected)
2.5GE	Solid ON	LAN device connected, no data transmission
	Blinking	LAN port transmitting data
	Off	No device connected
LOS	Blinking	No optical power (Fiber not connected)
	Off	Link/fiber is connected and online

UONU INSTALLATION



3. UONU INSTALLATION



GPON ONT GN630E

A On and Off

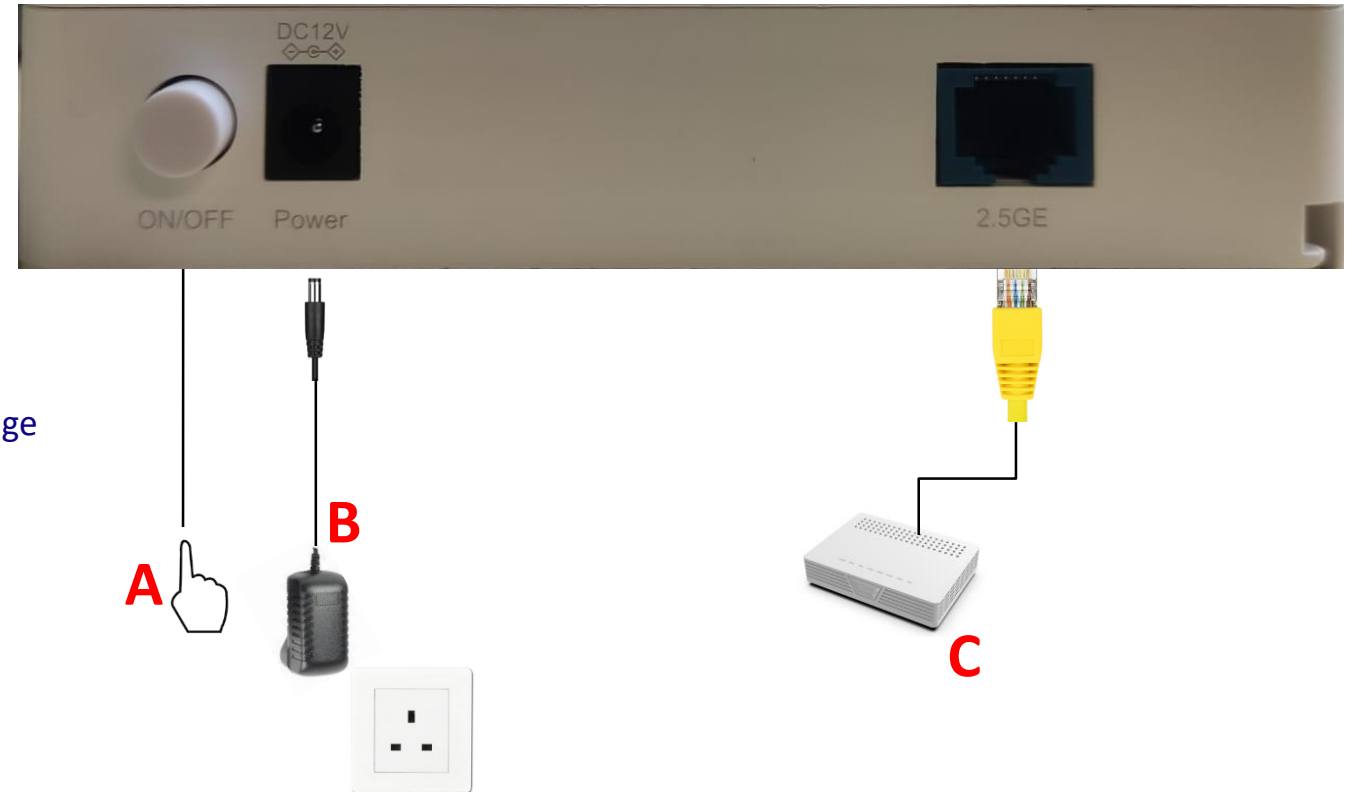
Switch ON and OFF button

B Power

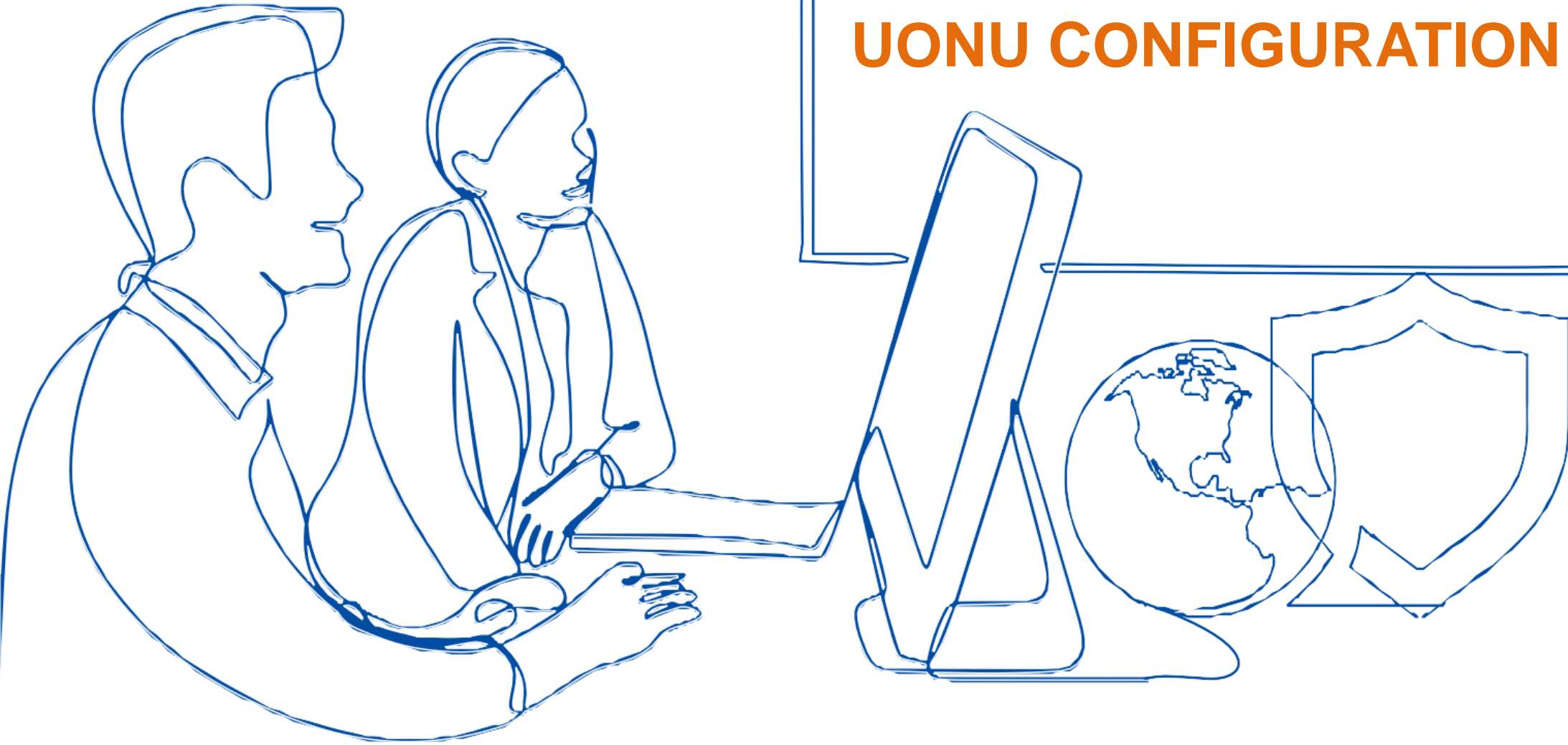
Power adapter connect to the provided power adapter from package
12V DC power input, use only supplied power adapter

C WAN

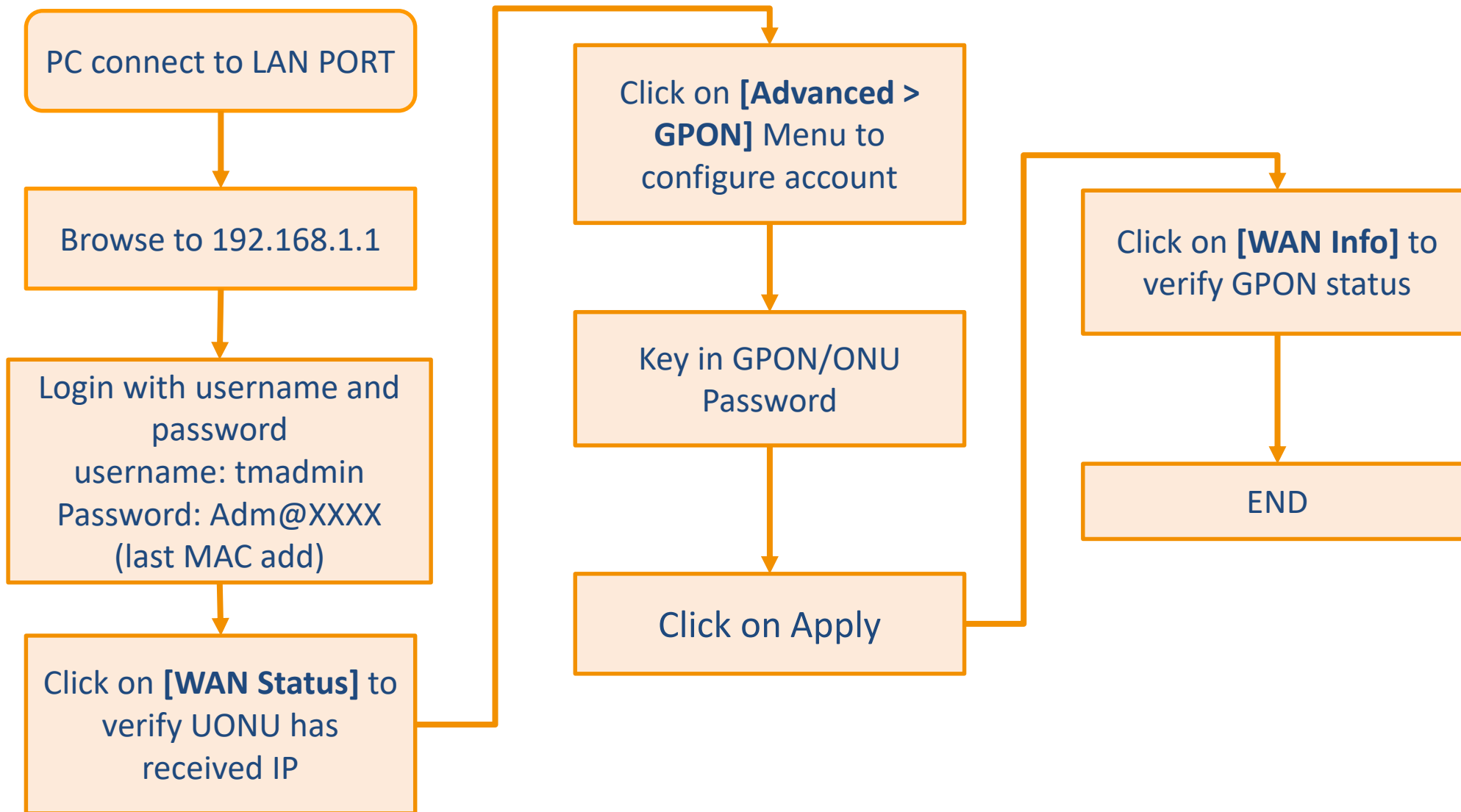
Connect to RJ45
RJ45 connection to Residential Gateway or broadband device.



UONU CONFIGURATION



UONU CONFIGURATION - SUMMARY



4. UONU CONFIGURATION – WEB BROWSER LOGIN



Internet Protocol Version 4 (TCP/IPv4) Properties

General

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

☒ Use the following IP address:

IP address: 192 . 168 . 1 . 100

Subnet mask: 255 . 255 . 255 . 0

Default gateway: . . .

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS server: . . .

Alternate DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK Cancel

SKYWORTH Login

Not secure | 192.168.1.1/cgi-bin/index2.asp

TM Speed Test

AXIROS - Lasting Ad...

SPANMS: Search

Home

HR System

SKYWORTH

- STEP 1 :** Ensure your PC is connected physically to LAN port of UONU with **IP address : 192.168.1.(2-254) / Subnet : 255.255.255.0**
- STEP 2 :** Please go to your PC web browser to access UONU graphic user interface(GUI) .The GUI IP address is **192.168.1.1** .
- STEP 3 :** Enter the username : **tmadmin** , password: **Adm@XXXX (last 4 digit MAC address)**. Kindly note that the UONU will **lock** the user login if the user prompt the password incorrectly for more than **3 times**.

Username: tmadmin

Password:

Language: English

Login Cancel

STEP 4: Click on [WAN Status] to verify UONU has received IP





StatusNetworkSecurityAdvancedSystemDiagnostic

| Device Info | **WAN Info** | LAN Info | TR-069 Client Status |

IPv4 WAN Info

Connection Name	Status	IP Address	Subnet Mask
1_TR069_R_VID_209	disconnected	-	-

Connection Name	Connect	Type	Up-time
1_TR069_R_VID_209	Auto	DHCP	-

Connection Name	VLAN/Priority	MAC Address
1_TR069_R_VID_209	209/5	48-55-5E-19-3C-38

Connection Name	Default Gateway	Primary DNS	Secondary DNS
1_TR069_R_VID_209	-	-	-

STEP 5: Go to Advanced > GPON, then key in GPON password and hit apply



SKYWORTH

English

Model: GN630E Logout

Status

Network

Security

Advanced

System

Diagnostic

| NAT | UPNP | IGMP/MLD | GPON |

GPON Password

GPON SN: SKYWBS100025

GPON Password: 2t3play

Apply

LOID Setting

LOID:

Password:

Apply

STEP 6: Verify GPON status by checking the STATUS > WAN Info



SKYWORTH

English

Model: GN630E Logout

Status

Network

Security

Advanced

System

Diagnostic

| Device Info | **WAN Info** | LAN Info | TR-069 Client Status |

IPv4 WAN Info

Connection Name	Status	IP Address	Subnet Mask
1_TR069_R_VID_209	connected	10.242.187.52	255.255.255.192

Connection Name	Connect	Type	Up-time
1_TR069_R_VID_209	Auto	DHCP	-

Connection Name	VLAN/Priority	MAC Address
1_TR069_R_VID_209	209/5	48:55:5E:19:3C:38

Connection Name	Default Gateway	Primary DNS	Secondary DNS
1_TR069_R_VID_209	10.242.187.62	10.242.187.74	10.242.187.230

IPv6 WAN Info

Connection Name	IPv6 Status	IPv6 Address	IPv6 Default Gateway
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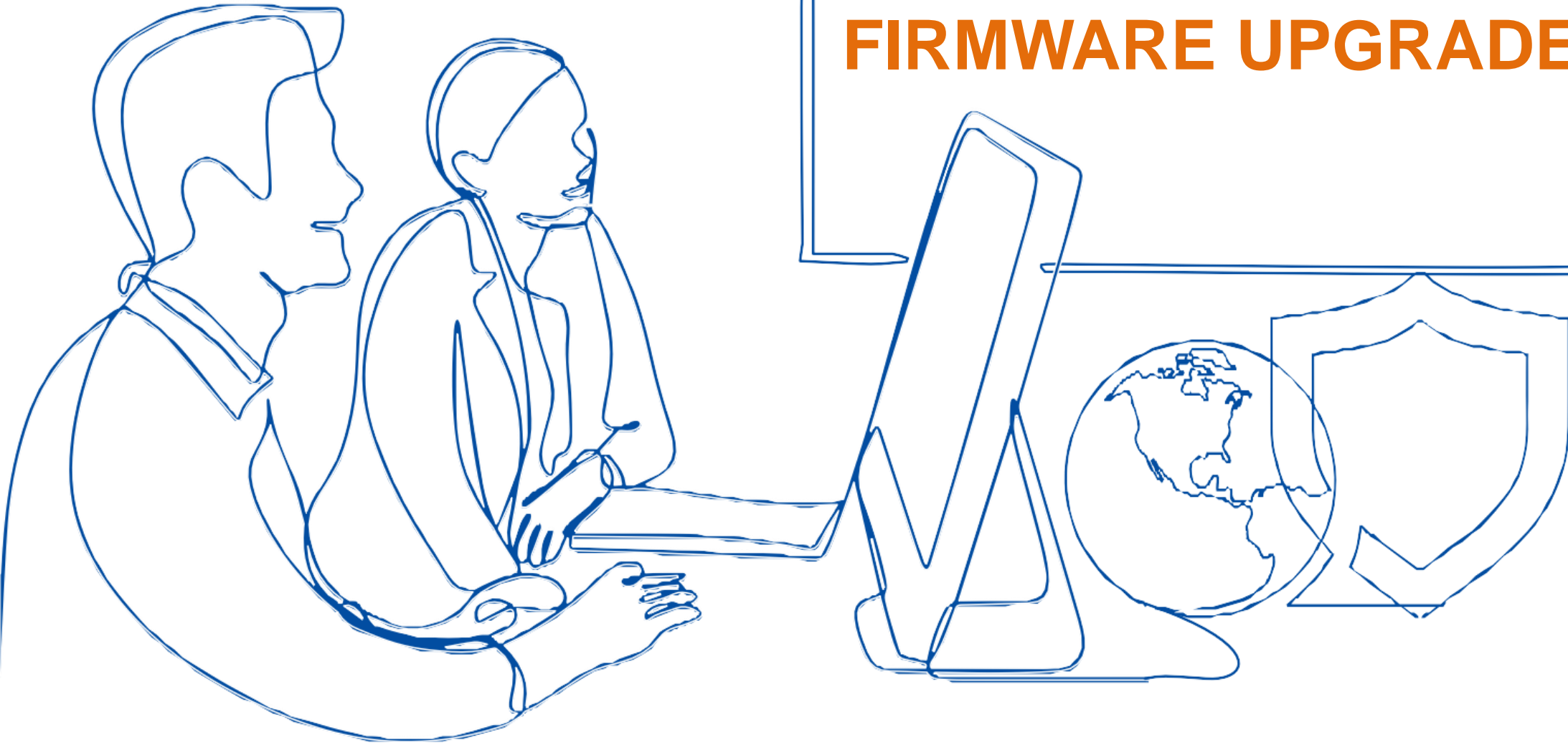
Connection Name	Connect	Type	Up-time
-----------------	---------	------	---------

Connection Name	VLAN/Priority	MAC Address
-----------------	---------------	-------------

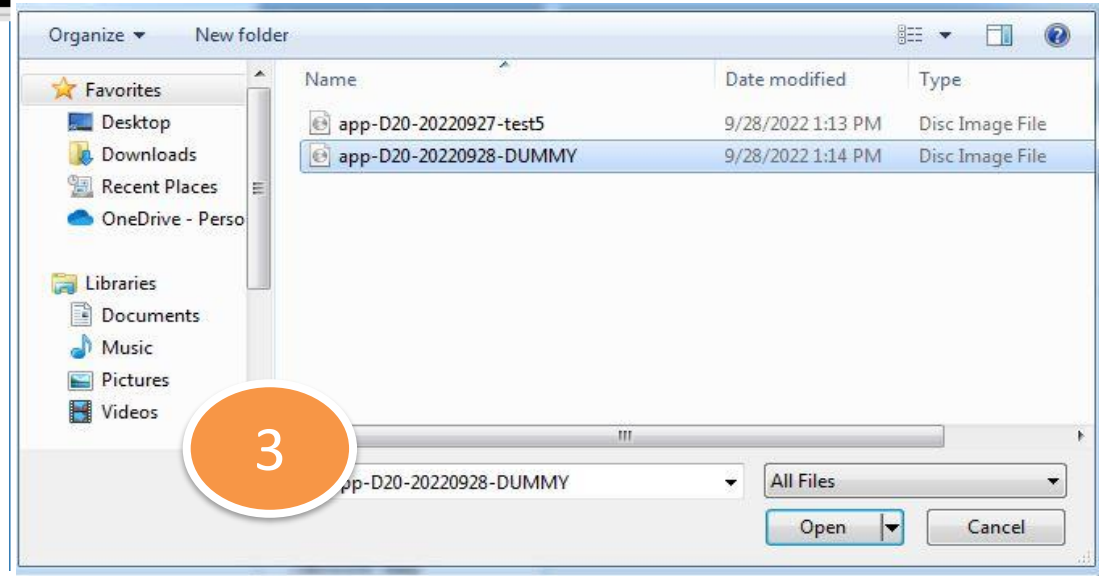
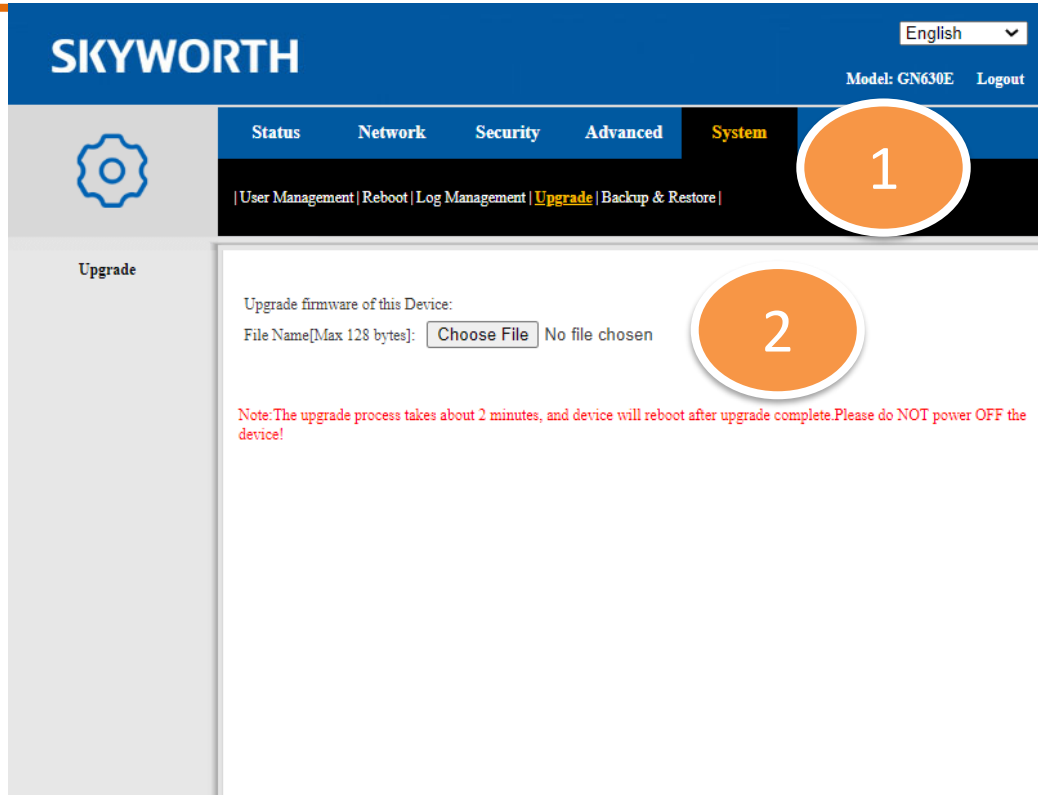
Connection Name	IPv6 Primary DNS	IPv6 Secondary DNS	Delegate Prefix
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GPON Info

FIRMWARE UPGRADE



7. FIRMWARE UPGRADE



STEP 1 : Go to **“System” > “Upgrade”**

STEP 2 : Click the **“Choose File”** button.

STEP 3 : Choose the upgrade file from PC. Click **“Open”** and **“Submit”** button to proceed.



8. MAINTENANCE – REBOOT UONU



SKYWORTH

English

Model: GN630E Logout

Status Network Security Advanced **System** Diagnostic

| User Management | **Reboot** | Log Management | Upgrade | Backup & Restore |

Device Reboot

Reboot the device:

Reboot

192.168.1.1 says
Are you sure to reboot?

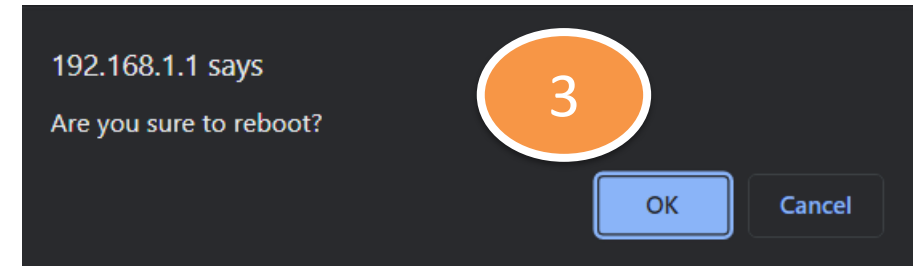
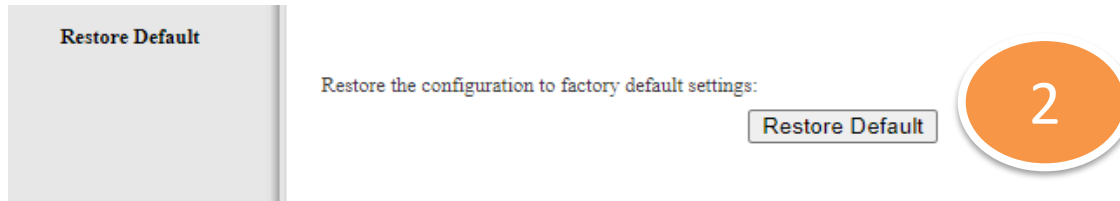
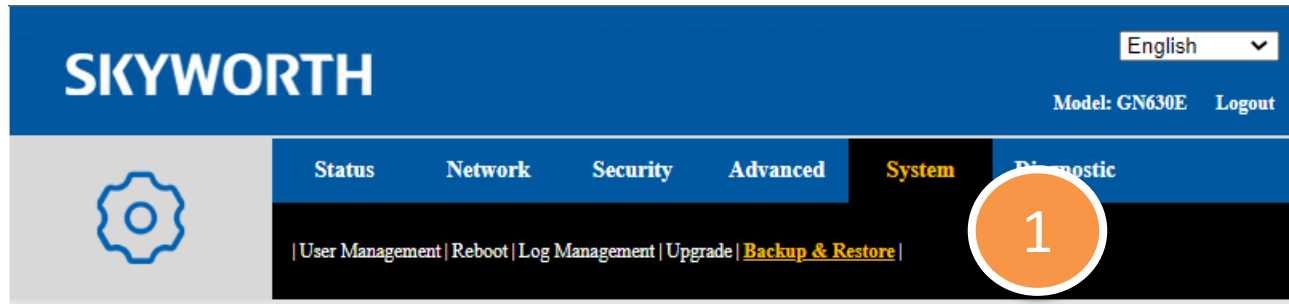
OK Cancel

STEP 1 : Go to “**System**” > “**Reboot**”

STEP 2 : Choose “**Reboot**” and click “**Confirm**” button to reboot and restart the UONU.

STEP 3 : A menu will pop up to confirm the process. Click on “**OK**” button to proceed.

8. MAINTENANCE – FACTORY RESET (GUI)

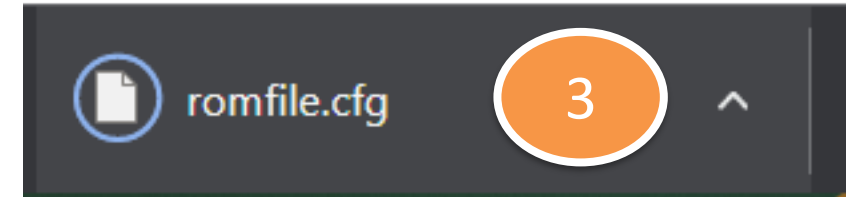
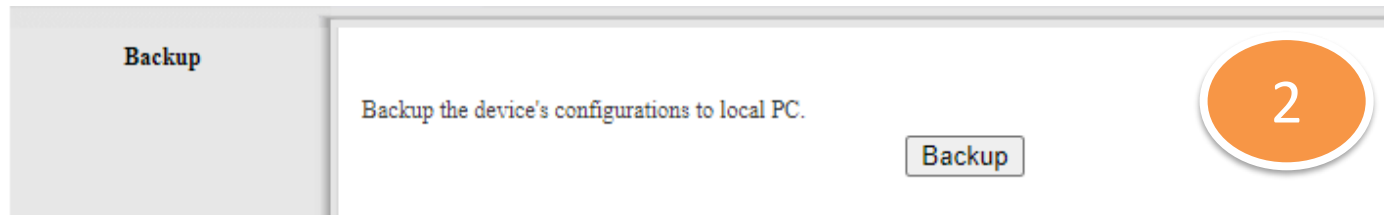
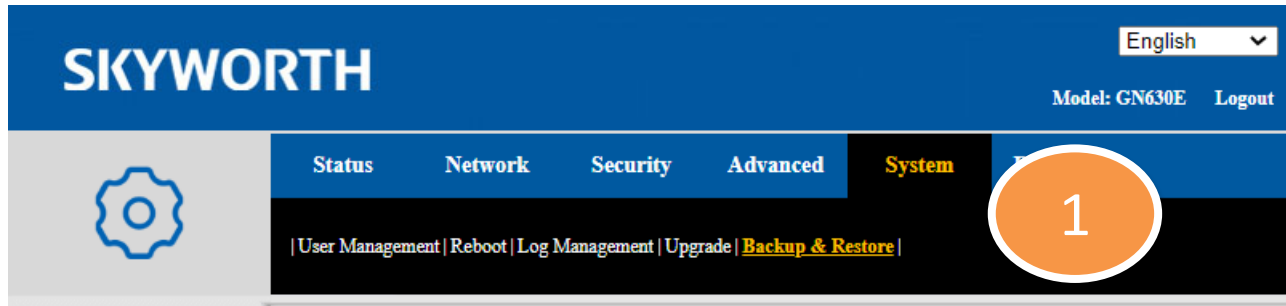


STEP 1 : Go to **“System” > “Backup & Restore”**

STEP 2 : Click the **“Restore Default”** button to restore the default settings of the UONU.

STEP 3 : A menu will pop up to confirm the process. Click on **“OK”** button to proceed.

8. MAINTENANCE – BACKUP CONFIGURATION FILE

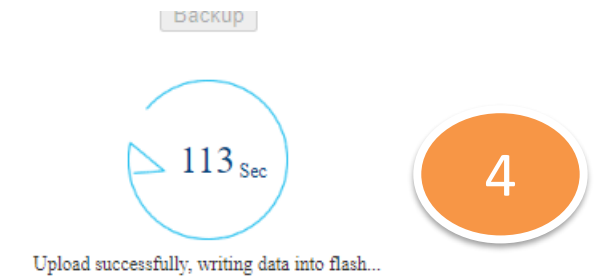
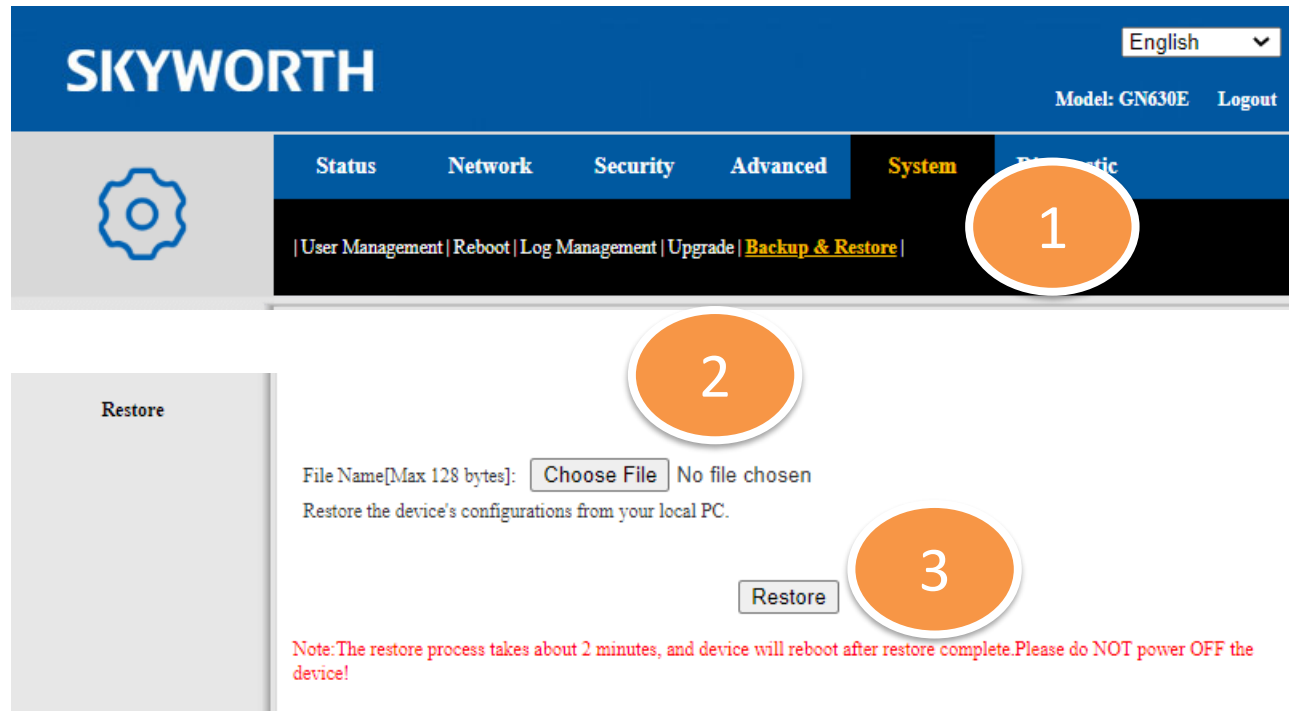


STEP 1 : Go to “**System**” > “**Backup & Restore**”

STEP 2 : Click the “**Backup**” button.

STEP 3 : An ONU config file will be saved on the PC. The file name will be named as “**romfile.cfg**”

8. MAINTENANCE – RESTORE CONFIGURATION FILE



Note: The restore process takes about 2 minutes, and device will reboot after restore complete. Please do NOT power OFF the device!

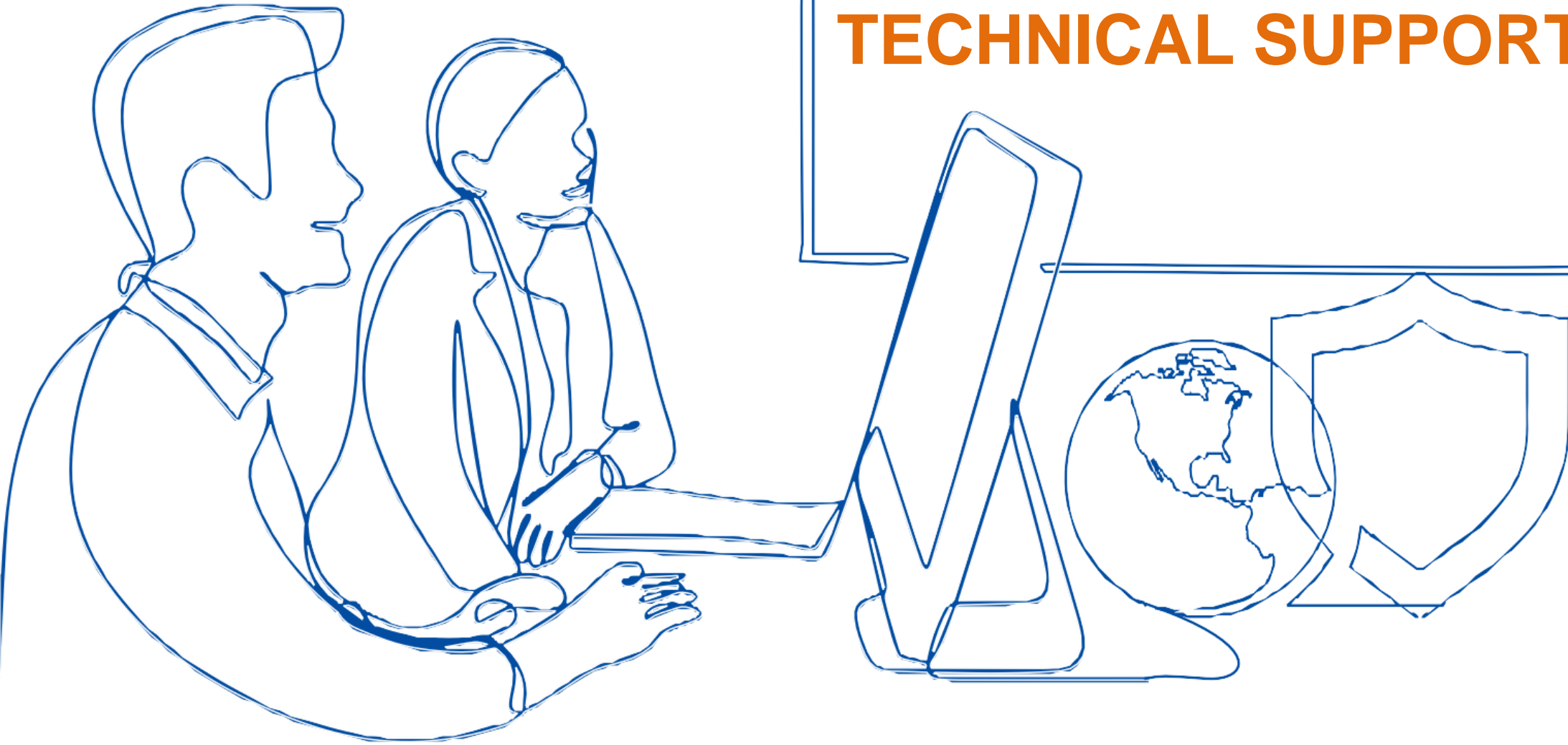
STEP 1: Go to “**System**” > “**Backup & Restore**”

STEP 2: Click “**Choose File**” button. Select the ONU configuration file (“**romfile.cfg**”) in the PC.

STEP 3: Click the “**Restore**” button to upload the file.

STEP 4: A loading screen will pop up to show the upload is in progress. The device will reboot after the restore is complete.

TECHNICAL SUPPORT



9. TECHNICAL SUPPORT



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Thank You

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