

**ONU GP1704-4GV**

Mertel System ( Thailand ) Ltd

# Agenda

- Web Login
- Default Username and Password
- PPPoE
- DHCP option 82
- Wireless
- VoIP

# Web Login

http://192.168.1.1

← → ↻ ⓘ Not secure | 192.168.1.1/login.html

## WEB Login

[中文](#) [English](#)

Username

Password

# Default Username and Password

- **user/user** จะเป็นข้อมูลอยู่ใน **user guide** เพื่อให้ลูกค้าสามารถ **login** เข้ามาดู **status** ของ **ONU** และตั้งค่าพื้นฐาน ได้เท่านั้น
- **superadmin/BDCMsuper** เป็น **user** สำหรับ กสท ใช้ในการบริหารจัดการตัวอุปกรณ์ได้ทั้งหมด โดยจะต้องไม่เปิดเผยให้แก่ลูกค้า  
( แนะนำให้ทาง กสท ทำการเปลี่ยน **Password** จาก **BDCMsuper** เป็นอย่างอื่นทันทีหลังจากที่ได้ติดตั้ง อุปกรณ์ให้แก่ลูกค้าแล้ว )

# การเปลี่ยน Password

## Management > User Manage

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			

User Manage

### Access Control -- Password

Router is controlled by the following three accounts: superadmin, Support and User.

Admin account is able to browse and modify the configuration of your DSL router .

Support account is used to allow an ISP technician to access your DSL Router for maintenance and to run diagnostics.

User account is able to view configuration and status, and do some basic settings.

Password is not more than 16 characters. Click "Save/Apply" to modify or create a password. Note: password is not allowed to contain space.

Username:

superadmin ▼

Current Login User password :

\*\*\*\*\* \*

New Password:

\*\*\*\*\* \*

Password Confirm:

\*\*\*\*\* \*

Save/Apply

# OLT Profile for PPPoE

```
gpon profile onu-vlan vlan33
gpon-profile vlan mode tag
gpon-profile vlan pvid 33
!
intergace GPON 0/1
gpon bind-onu sn 4244434DF79DF3E9 1
switchport mode trunk
!
interface GPON0/1:1
description Link to GP1704-4GV
gpon onu equipment-id 1102
gpon onu tcont-virtual-port-bind-profile tvbind-default
gpon onu flow-mapping-profile hgu
gpon onu virtual-port 1 gem-port 257
gpon onu uni 1 vlan-profile vlan33
!
```

# GP1704-4GV PPPoE

Network > Internet > Wan Settings > Add WAN Connections

Uplink Mode:

Connection Name:

Mode:

Protocol Mode:

☐ DHCP Automatically obtain an IP address from your ISP

☐ Static Configure a static IP address supplied by your ISP

☒ PPPoE Select this option if your ISP uses PPPoE

MTU:

NAT: ☒

FullConeNAT: ☐

Enable Vlan: ☒

Vlan ID:

802.1p:

VLAN Mode:

Username:

Password:

Service Name:

DialMode:

Service Mode:

Port Binding:

<input checked="" type="checkbox"/> Port_1	<input checked="" type="checkbox"/> Port_2
<input checked="" type="checkbox"/> Port_3	<input checked="" type="checkbox"/> Port_4
<input checked="" type="checkbox"/> Wlan(SSID1)	<input type="checkbox"/> Wlan(SSID2)
<input type="checkbox"/> Wlan(SSID3)	<input type="checkbox"/> Wlan(SSID4)

Note: The bound port can not be shared by different WAN connections, and the last binding operation will cover the previous one!

Click Save/Apply

# WAN PPPoE Status

Status > Network Info

## WAN Info

Interface	Description	Type	VlanMuxId	Vlan8021p	IGMP	NAT	IPv6	MLD	Status	IPv4 Address	IPv6 Address
veip0.2	40_VOIP_R_VID_729	Router	729	Disable	Enable	Disable	Disable	Disable	Connected	172.27.1.254	
veip0.1	1_Other_B_VID_	Bridge	NaN	Disable	Disable	Disable	Disable	Disable	Connected		

## Network Info

Interface	Default Gateway	Subnet Mask	DNS Server	IPv6 Default GW	IPv6 DNS Server
veip0.2	172.27.1.1	255.255.255.0	61.19.245.245,8.8.8.8		
veip0.1	0.0.0.0	255.255.255.255	193.231.238.2		



# OLT Profile for DHCP Option82

```
gpon profile onu-vlan vlan144
gpon-profile vlan mode tag
gpon-profile vlan pvid 144
!
intergace GPON 0/1
gpon bind-onu sn 4244434DF79DF3E9 1
switchport mode trunk
    dhcp snooping information circuit-id string bd@cm-npro-xx:xx
!
interface GPON0/1:1
description Link to GP1704-4GV
gpon onu equipment-id 1102
gpon onu tcont-virtual-port-bind-profile tvbind-default
gpon onu flow-mapping-profile hgu
gpon onu virtual-port 1 gem-port 257
gpon onu uni 1 vlan-profile vlan144
!
ip dhcp-relay snooping
ip dhcp-relay snooping vlan 144
ip dhcp-relay snooping information option format manual
!
vlan 1,144
```

# GP1704-4GV DHCP

Network > Internet > Wan Settings > Add WAN Connections

### WAN Settings

Configure the WAN parameters.

Uplink Mode: GPON ▼

Connection Name: Add WAN Connection ▼

Mode: Route ▼

Protocol Mode: IPv4 ▼

☒ DHCP Automatically obtain an IP address from your ISP

☐ Static Configure a static IP address supplied by your ISP

☐ PPPoE Select this option if your ISP uses PPPoE

MTU: 1492

NAT: ☒

Enable Vlan: ☒

Vlan ID: 144

802.1p: ▼

VLAN Mode: Tag ▼

Service Mode: INTERNET ▼

Port Binding:

<input checked="" type="checkbox"/> Port_1	<input checked="" type="checkbox"/> Port_2
<input checked="" type="checkbox"/> Port_3	<input checked="" type="checkbox"/> Port_4
<input checked="" type="checkbox"/> Wlan(SSID1)	<input type="checkbox"/> Wlan(SSID2)
<input type="checkbox"/> Wlan(SSID3)	<input type="checkbox"/> Wlan(SSID4)

Note: The bound port can not be shared by different WAN connections, and the last binding operation will cover the previous one!

Save/Apply Del

Click Save/Apply

# WAN DHCP Status

Status > Network Info

## WAN Info

Interface	Description	Type	VlanMuxId	Vlan8021p	IGMP	NAT	IPv6	MLD	Status	IPv4 Address	IPv6 Address
veip0.2	40_VOIP_R_VID_729	Router	729	Disable	Enable	Disable	Disable	Disable	Connected	172.27.1.254	
veip0.1	1_Other_B_VID_	Bridge	NaN	Disable	Disable	Disable	Disable	Disable	Connected		

## Network Info

Interface	Default Gateway	Subnet Mask	DNS Server	IPv6 Default GW	IPv6 DNS Server
veip0.2	172.27.1.1	255.255.255.0	61.19.245.245,8.8.8.8		
veip0.1	0.0.0.0	255.255.255.255	193.231.238.2		

# GP1704-4GV Wireless

Network > WLAN > WLAN Basic

กำหนด SSID ให้แก่ลูกค้า

## Wireless -- Basic

This page is used to configure basic features of wireless LAN port. Including enable or disable wireless LAN port, hide SSID from being scanned by AP, set wireless network name (SSID), set channel frequency according to different country standards and so on.

Click on "Save/Apply" to take effect the basic configuration of wireless.

- ☒ Enable Wireless
- ☐ Hide Access Point
- ☐ Clients Isolation
- ☐ Disable WMM Advertise
- ☐ Enable Wireless Multicast Forwarding (WMF)

SSID:

BSSID: 80:14:A8:51:89:D1

Country:

Max Clients:

## Wireless - Virtual Interface:

Enabled	SSID	Hidden	Isolate Clients	Disable WMM Advertise	Enable WMF	Max Clients	BSSID
<input type="checkbox"/>	<input type="text" value="WiFi2"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="16"/>	N/A
<input type="checkbox"/>	<input type="text" value="WiFi3"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="16"/>	N/A
<input type="checkbox"/>	<input type="text" value="WiFi4"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="16"/>	N/A

Click Save/Apply

# GP1704-4GV Wireless

Network > WLAN > Security

กำหนด Authentication สำหรับ SSID

## WLAN Config -- Security

This page is used to configure the security of wireless LAN interface. Including WPS on/off, authentication methods, data encryption, Wi-Fi authentication key, key length and so on.

### WPS Setup

Enable **WPS**

Disabled ▼

### Manual Setup AP

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength.

Click "Apply/Save" when done.

Select SSID:

CAT-WiFi ▼

Network Authentication:

Open ▼

WEP Encryption:

Disabled ▼

Save/Apply

# OLT Profile for VoIP

```
gpon profile onu-vlan multi33
gpon-profile vlan mode trunk
gpon-profile vlan trunk vlan-allowed 33,729
!
!
intergace GPON 0/1
gpon bind-onu sn 4244434DF79DF3E9 1
switchport mode trunk
!
interface GPON0/1:1
description Link to GP1704-4GV
gpon onu equipment-id 1102
gpon onu tcont-virtual-port-bind-profile tvbind-default
gpon onu flow-mapping-profile hgu
gpon onu virtual-port 1 gem-port 257
gpon onu uni 1 vlan-profile multi33
!
vlan 1,33,729
```

# GP1704-4GV VoIP

Network > Internet > WAN Settings > Add WAN Connection

Connection Name :	Add WAN Connection ▼
Mode :	Route ▼
Protocol Mode :	IPv4 ▼
<input type="radio"/> DHCP	Automatically obtain an IP address from your ISP
<input checked="" type="radio"/> Static	Configure a static IP address supplied by your ISP
<input type="radio"/> PPPoE	Select this option if your ISP uses PPPoE
MTU:	1492
Enable Vlan :	<input checked="" type="checkbox"/>
Vlan ID :	729
802.1p :	▼
VLAN Mode :	Tag ▼
IP Address :	172.27.1.254
Subnet Mask :	255.255.255.0
Default gateway :	172.27.1.1
Primary DNS :	61.19.245.245
Secondary DNS :	8.8.8.8
Service Mode :	VOIP ▼

สร้าง WAN สำหรับ VLAN 729  
กำหนด IP ให้แก่ VLAN 729

Click Save/Apply

# GP1704-4GV VoIP

## Applications > VoIP > General Settings

### Global Basic Settings

Input the VoIP service SIP parameters and select Start to apply the settings and start the SIP registrations process. Select Stop to prevent SIP registration from occurring. Select Restart to reinitialise the SIP registration with the current settings.

Signalling Protocol:  (Notice: It will be taken effect after reboot.)

Interface Name:  (Note: You must restart the VoIP service for the settings to take effect.)

Region :  (Note: You must restart the VoIP service for the settings to take effect.)

Proxy Server:  Port:

External Proxy Server:  Port:

Registering Server:  Port:

### Port Base Settings

Note: User ID maybe phone number or username of SIP server, ask it from your ISP, please.

Line	Phone1	Phone2
User ID	<input type="text" value="+6621079698"/>	<input type="text"/>
Display name	<input type="text" value="021079698"/>	<input type="text"/>
Auth Username	<input type="text" value="6621079698@catnextgen.c"/>	<input type="text"/>
Auth Password	<input type="password" value="....."/>	<input type="password"/>
ptime Settings	<input type="text" value="20"/>	<input type="text" value="20"/>

Click Apply



# WAN PPPoE Status

Status > VoIP Info

## VoIP Info

Name	Line1	Line2
Registering status	Register failed	Register failed
User status	Idle	Idle
Phone No.		