

Setup for AirLive GPON OLT-121 and XPON 2.5G and 1GE ONU Bridge.

To get the IP address from the router on the PC, please follow the normal guide.

But change the following in the WAN setup for the ONU in the OLT.

Also, the DHCP server in the ONU must be turned off.

1: WAN setup select "Bridge" Mode and VLAN mode again select Tag and enter the VLAN ID, in this example 100, same our default guide. VLAN Cos should be 0. Service mode is Internet. Please "Submit" and again press the second "Submit" button ones the configuration is shown in the "WAN Connect running-config"

The configuration will now be sent to the ONU and should show Connected.

airlive®

ONU list | ONU Status | ONU Optical Information | ONU Version Information | ONU Manual Add | ONU Allowlist | ONU Status

OLT Information | Tcont | Gempport | Service | PortVlan | Multicast | Port | Ip Host | IGMP | MAC | WAN | DHCP Server | Bind Mode |

OLT Configuration

ONU Configuration

ONU AuthList

ONU AutoFind

ONU AutoLearn

ONU Upgrade

Rogue ONU

Profile Configuration

System Configuration

WAN Connect Table (PON:1 ONU:1)

Index	Mode	IP Version	Service Mode	Status	MAC Address	Configuration Information
1	bridge	ipv4	internet	Connected	1C:EF:03:DC:7A:A9	QoS Enable:disable, VLAN Mode:Tag,VLAN ID:100, VLAN Cos:0, QinQ Enable:disable,

WAN Connect Parameter Configuration

WAN Index: NEW

Mode: bridge

IP Version: ipv4/ipv6

VLAN Mode: Tag

VLAN ID: 100 (Tag:0-4095;Transparent:1-4095)

VLAN Cos: 0 (0-7)

QinQ Enable: Disable

QinQ TPID: 0 (1-65534)

SVLAN ID: 0 (1-4095)

SVLAN Cos: 0 (0-7)

QoS Enable: Disable

Service Mode: Internet

Port Binding: Lan1 Lan2

Submit

WAN Connect running-config

Submit

Index	onu running-config	Delete
1	Connect Type:bridge,IP Version:ipv4/ipv6,Service Mode:internet,QoS Enable:disable,VLAN Mode:Tag,VLAN ID:100, VLAN Cos:0, QinQ Enable:disable,	

In the ONU please turn off the DHCP server.

The screenshot shows the AirLive web interface. At the top, there is a navigation bar with tabs: Status, Setup (highlighted), Advanced, Service, Firewall, and Maintenance. Below this is a sidebar with a tree view containing: WAN, LAN (expanded), LAN, DHCP (highlighted), DHCP Static, and LAN IPv6. The main content area is titled "DHCP Mode" and includes instructions: "This page can be used to config the DHCP mode:None,DHCP Relay or DHCP Server. (1)Enable the DHCP Server if you are using this device as a DHCP server. This page lists the IP address pools available to host on your LAN. The device distributes numbers in the pool to host on your network as they request Internet access. (2)Enable the DHCP Relay if you are using the other DHCP server to assign IP address to your host on the LAN. You can set the DHCP server IP address. (3)If you choose "None", then the modem will do nothing when the host request a IP address." Below the text are fields for "LAN IP Address: 192.168.1.1" and "Subnet Mask: 255.255.255.0". A "DHCP Mode:" dropdown menu is set to "None" and is highlighted with a red box. At the bottom, there are buttons for "Apply Changes", "Undo", and "Set VendorClass IP Range".

The WAN setup from the ONU will not show an IP address from the OLT or Router.

The PC connected to the OLT will receive an IP address from the Router.

The screenshot shows the "WAN Interfaces Table" in the ONU web interface. At the top, there are buttons: Connect, Disconnect, Add, Modify, Delete, Undo, and Refresh. Below the buttons is a table with the following data:

Select	Inf	Mode	NAPT	IGMP	DRoute	IP Addr	Gateway	NetMask	User Name	Status	Edit
<input checked="" type="radio"/>	WAN0	Bridge	Off	Off	Off	0.0.0.0	0.0.0.0	0.0.0.0	---	up	