EVO6022GP

WI-FI 6 GPON GATEWAY

Wi-Fi 6

dual-band

1Gb

Plume

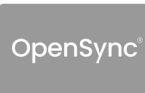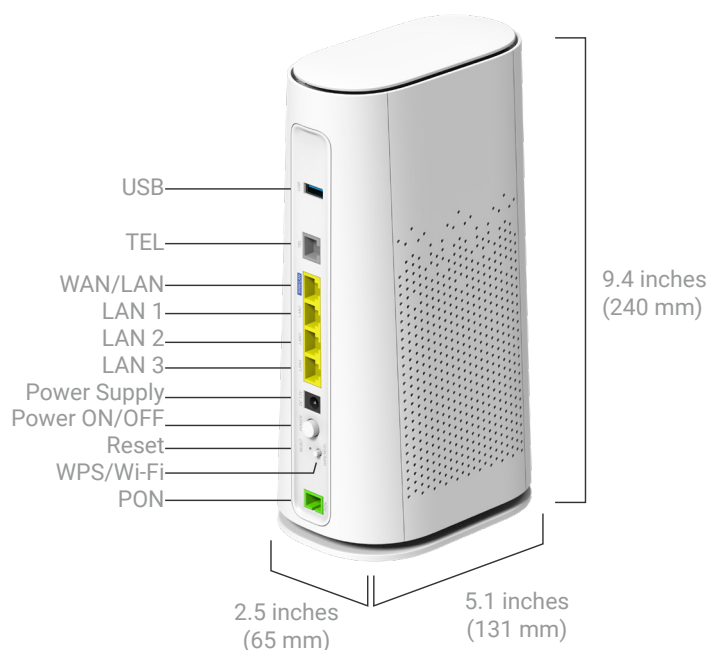**OpenSync**

USB

Voice

5G/WPS

2.4G/WPS

WAN/LAN

LAN1

LAN2

LAN3

LOS

PON

Internet

PWR

Ultra-fast GPON Gateway

Elevate your connectivity with the Evolution Digital EVO6022GP, a cutting-edge GPON Gateway that brings ultra-fast Wi-Fi 6 and seamless 1 Gbps Ethernet to both home and business. Perfect for high-demand applications like 4K streaming and gaming, this device ensures robust and sophisticated online experiences.

USB
TEL
WAN/LAN
LAN 1
LAN 2
LAN 3
Power Supply
Power ON/OFF
Reset
WPS/Wi-Fi
PON

9.4 inches (240 mm)
2.5 inches (65 mm)
5.1 inches (131 mm)

General

GPON Standards: ITU-T G.984

Distance: 20Km Max

Data Rates: Upstream 1.25Gbps, Downstream 2.5Gbps

Wireless Standards: IEEE 802.11ax/ac/n/a 5 GHz, IEEE 802.11ax/n/b/g 2.4 GHz

Operation Frequency: 2.4GHz & 5GHz

Wireless Security: WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption

VOIP Standards: SIP (RFC3261), ITU-T G.729/G.722/G.711a/G.711

Throughput: AX3000 (3.0Gbps), 5 GHz (2x2): 2,402 Mbps (802.11ax), 2.4 GHz (2x2): 574 Mbps (802.11ax)

Channels: 20/40/80/160MHz support, 2x2 dual-band

Hardware

RAM: 1 GB

Flash: 1 GB

Interfaces

WAN/LAN: 1GE Gigabit Ethernet (x1)

LAN: 1GE Gigabit Ethernet (x3)

FXS: (x1)

USB 3.0: (x1)

SC/APC GPON: (x1)

TX Wave Length: 1310nm

RX Wave Length: 1490nm

Optical Power Value: 0.5~4dBm

Maximum Reception Sensitivity: -8dBm

Minimum Reception Sensitivity: -28dBm

Software Features

Plume: HomePass, Haystack, Uprise, Harvest

OpenSync: OpenSync 4.4, Roadmap to OS6.4

WAN Type: Dynamic IP/Static IP/PPPoE/Router

DHCP: Server, DHCP Reservation, Static Route

Quality of Service: WMM, Bandwidth Control

Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ

VLAN: 802.1Q tag VLAN, VLAN transparent mode/ VLAN translation mode/VLAN trunk mode

Access Control: Parental Control, Local Management Control, Host List, Access Schedule, Rule Management

Firewall Security: DoS, SPI Firewall, IP Address Filter/ MAC Address Filter/Domain Filter, IP and MAC Address Binding

VOIP Features: One RJ-11 FXS ports for connecting to analog telephones Call forwarding, Call waiting, Call block, 3-way conference call, etc.

Internet Protocol: IPv4, IPv6

Physical Specifications

Size: 9.4 x 5.1 x 2.5 inches (240 x 131 x 65 mm)

Weight: 1.3 pounds (.59kg)

Operating Temperature: 0°C~40°C (32°F~104°F)

Storage Temperature: -40°C~70°C (-40°F~158°F)

Relative Humidity: 10%~90%, non-condensing

Storage Humidity: 5%~95%, non-condensing

Buttons: Power ON/OFF, WPS/Wi-Fi, and Reset

Antenna: 4 x 3dBi Fixed Antennas

Cable: Category 5e, Length 1 meter (x1 optional)

Guide: Quick Installation Guide (x1)

Power Supply: DC 12V 1.5A

Certifications: CE, RoHS

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