



1200 Mbps DUAL BAND VoIP ONT

PRODUCT OVERVIEW

EC3121Z is for the broadband access market based on the introduction of GPON technology passive optical network terminal products. It's with GPON OLT are used together to provide a complete broadband access solution.

EC3121Z can integrate wireless function with meeting 802.11 n/b/g/ac technical standards, It has built in high gain directional antenna, the wireless transmission rate up to 866Mbps. It has the characteristics of strong penetrating power and wide coverage. It can provide users with more efficient data transmission security.

The device also has VoIP, interface support. Suitable for home or business users, can meet the FTTH high-speed data transmission of the application.

PRODUCT FUNCTION

GPON Standards

ITU-T G.984

Distance

20Km Max

Data Rates

Upstream:1.25Gbps,
Downstream:2.5Gbps

Wireless Standards

IEEE 802.11ac/n/a 5 GHz
IEEE 802.11n/b/g 2.4 GHz

Signal Rate:

5 GHz: 867 Mbps,
2.4 GHz: 300 Mbps

Quality of Service

IEEE 802.1p, CoS
WR, SP and FIFO queue scheduling algorithm
Port rate limit
IEEE 802.1x, access control based upon Port; support local and remote RADIUS.

PORT FORWARDING

Virtual Server, Port Triggering, UPnP, DMZ

VLAN

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

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

WAN Type

Dynamic IP/Static IP/PPPoE

DHCP

Server, Client, DHCP Client List,
Address Reservation

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.

Management

Access Control
Local Management
Remote Management

Internet Protocol

IPv4, IPv6

Interfaces:

1 x SC/APC OR UPC PON Port
2 x 10/100/1000Mbps LAN Port
1 x FXS Port

Buttons:

Power ON/OFF Button, WPS/WiFi Button, Reset Button

Power Supply:

DC 12V 1.5A

Antenna:

4 x 5dBi fixed antennas

Dimensions (W X D X H):

195 x 135 x 37mm

Environment

Storage temperature:-40°C ~80°C
Storage humidity:5%~95% non-condensing

Access Control

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

Package Contents

1 x GPON Router
1 x Quick Installation Guide
1 x Power Adapter
1 x RJ45 LAN Cable

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