



300 Mbps Single Band VoIP ONT

PRODUCT OVERVIEW

EC2121X is an one-stop solution that make everything of your home connected. Based on 802.11n technology, EC2121X supports wireless performance at up to 300Mbps, and delivers Broadband services such as IPTV and VoIP simultaneously.

With transmission rates up to 300Mbps, users can run bandwidth intensive devices including VoIP, HD streaming, or online gaming, without the lag. Using its powerful N technologies, the router is also able to mitigate data loss over long distances and through obstacles.

PRODUCT FUNCTION

GPON Standards

ITU-T G.984

Distance

20Km Max

Data Rates

Upstream:1.25Gbps,
Downstream:2.5Gbps

Wireless Standards

IEEE 802.11n/b/g 2.4 GHz

Signal Rate:

2.4 GHz: 300 Mbps

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

Operation Frequency:

2.4GHz

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

Interfaces:

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

Buttons:

WPS/WiFi Button, Reset Button

Power Supply:

DC 12V 1A

Antenna:

2 x 5dBi fixed antennas

Dimensions (W X D X H):

140 x 90 x 33

Internet Protocol

IPv4,IPv6

Environment

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

Package Contents

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

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