1200 Mbps DUAL BAND ONT

PRODUCT OVERVIEW

EC3120Z 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.

EC3120Z 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.

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.

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

WAN Type
  Dynamic IP/Static IP/PPPoE

DHCP
  Server, Client, DHCP Client List,
  Address Reservation

Firewall Security
  DoS
  IP Address Filter/MAC Address
  Filter/Domain Filter
  IP and MAC Address Binding

Management
  Access Control
  Local Management
  Remote Management

Internet Protocol
  IPv4,IPv6

PORT FORWARDING
  Virtual Server, Port Triggering, UPnP,
  DMZ

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

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

Power Supply:
  DC 12V 1A

Antenna:
  4 x 5dBi fixed antennas

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

Dimensions (W X D X H):
  195 x 135 x 37 mm

Environment
  Storage temperature:-40℃～80℃
  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

Manufactured by: e Hoome IoT *smart living*

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