



1GE ONT

PRODUCT OVERVIEW

EC1110 is a new 1GE ONT production of Our Company which passive optical network terminal series. It provides one 10/100/1000Mbps base-T interface, one optical interface, and it is very impact. Suitable for home and small business users, can meet the FTTH high-speed data transmission of the application.

PRODUCT FUNCTION

GPON Standards

ITU-T G.984

Protocol

Compliant with IEEE 802.3ah
YD/T 1475-2006
IEEE 802.1D, Spanning Tree
IEEE 802.1Q, VLAN IEEE 802.1w, RSTP
IEEE 802.3ad (LACP) Ethernet-II,
Ethernet-SNAP

Route

Support NAT Support PPPOE
Support Server Client
Support Route

VLAN

Port-based VLAN GVRP
IEEE 802.1Q VLAN

Dimensions:

105mm(L) x85mm(W) x25mm(H)

Environment

Operating temperature:0°C~60°C;
Operating humidity:10%~85%
non-condensing

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

PON:

Transmission speed :upstream
1.25Gbps /downstream 2.5Gbps
Network coverage radius: 20KM
Optical receive sensitivity:≥-28dBm
Continuous light power:
0.5dBm~+5dBm
Security:
ONU authentication mechanism

DHCP

Server, Client, DHCP Client List,
Address Reservation

WAN Type

Dynamic IP/Static IP/PPPoE

QOS

Backpressure flow control(half-duplex)
IEEE 802.3x flow control(full-duplex)
Prevent Head Of Line
IEEE 802.1p, CoS
WR,SP and FIFO queue scheduling
algorithm
Port rate limit

Internet Protocol

IPv4,IPv6

Interfaces:

1x10/100/1000M RJ45 port

Management

Various management modes such as
Web, TELNET Debug function.

Power supply

110~240VAC 12V/0.5A DC
power interface size:2.1mm/5.5mm

Power Consumption

2.5W

Buttons:

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

Safety

IEEE 802.1x, access control based
upon Port; support local and remote
RADIUS. CHAP,EAP certification;
Storm control, port protection,

Package Contents

1 x GPON Router
1 x Quick Installation Guide
1 x Power Adapter

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Manufactured by:  **e Hoome IoT**
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