



1GE ONT

PRODUCT OVERVIEW

AS-511X 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.

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) × 85mm(W) × 25mm(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