HA7304N 4PON +12 1000M RJ45 UPLINK+ 4 1000M SFP UPLINK OLT

Overview

HA7304N is a 1U rack type 4 PON ports OLT.It supplies 4 PON SFP ports,12 1000M

RJ45 uplink ports, 4 1000M SFP uplink ports. HA7304N works with different brands

EPON ONUs and XPON ONUs which support CTC standard. The whole system supports

4-PON, 256 ONUs.

HA7304N applies to counties, towns and villages fiber network access. It is also applied to

FTTH/FTTB/FTTO projects, for IP phone, Ethernet data and IPTV services access.

The product is particularly suitable for residential broadband fiber access (FTTx),

telephone and television "triple play", the power consumption information collection, video

surveillance, networking, private network applications and other applications.

Feature

- Supply 4 SFP PON ports, 12 1000M RJ45 uplink,4 1000M SFP uplink

- Each PON port supports maximum 1.64 split ratio, total 1256 ONUs access

- Distance can reach 20km under 1:32 split ratio

- Support to work with different brands EPON and XPON ONUs to establish passive network

- Support WEB and SNMP and CLI, integrate switching function

- 1U rack design, inside fan, better for heat dissipating and reliability operating

- Apply for town,village fiber network and surveillance, apply for FTTX network, to transmit IP phone, data,IPTV and other IP services access

- Support Dynamic Bandwidth Allocation (DBA)；

- Support ONU auto-MAC binding and filtering, support the ONU offline business configuration and automatically configure;

- Support 4096 VLAN additions, transparent transmission and conversion, support VLAN stacking (QinQ);

- Support IGMP v1/v2 Snooping and Proxy, support CTC controllable multicast;

- Support priority queue scheduling, support SP, WRR or SP + WRR scheduling algorithm;

- Supports port speed, support packet filtering;port mirroring and port trunking;

- Provide logs, alarms and performance statistics;

Technical Specification

Parameter	Specification
EPON Standard	Comply with IEEE802.3ah,CTC 2.0,2.1 and 3.0 standard;Support IEEE 802.1d (STP), 802.1w (RSTP) and MSTP Spanning Tree Protocol,Support 802.1p priority queue scheduling;Support NTP protocol,Support IEEE 802.3x full-duplex flow control;Support IEEE 802.3x flow control;
Interfaces	4 SFP PON ports; 12 1000M RJ45 uplink ports; 4 1000M SFP uplink ports;
Security	Support PON line AES and triple churing encryption;Support ONU MAC address binding and filtering;
VLAN	Support 4095 VLAN additions, transparent transmission, conversion and deletion;Support VLAN Stacking (QinQ)
MAC address learning	Support 32K MAC addresses;Hardware-based wire-speed MAC address learning;Based on port, VLAN, link aggregation MAC restrictions;
Multicast	Support IGMP Snooping and IGMP Proxy, support CTC controllable multicast;Support IGMP v1/v2 and v3
QoS	Support SP, WRR or SP + WRR scheduling algorithm;
Access Control Lists (ACL)	According to the destination IP, source IP, destination MAC, source MAC, destination protocol port number, source protocol port number, SVLAN, DSCP, TOS, Ethernet frame type, IP precedence, IP packets carried protocol type ACL rules set;
	Support the use of the ACL rules for packet filtering;
	Support Cos ACL rule using the above settings, IP priority setting, mirroring, speed limit and redirect the application;
Management P	Provide 10/100Base-T RJ45 out-band network management port
	It can manage the in-band network through any GE uplink port Provide local configuration port
	Provide 1 CONSOLE port
Data exchange	3 layer Ethernet switching, switching capacity 128Gbps, to ensure non-blocking switching
Power Supply	220VAC AC: 100V~240V,50/60Hz DC:-36V~-72V
Working Temperature	0～55℃
Dimension	440mm(length) * 210mm(width) * 44mm(height)
Weight	2.3 Kg