

HA7304C 1U Rack 4PON OLT



Overview

HA7304C is a small 1U rack type 4 SFP PON ports OLT. HA7304C works with different brands EPON ONUs which support CTC standard. The whole system supports 4-PON, 256 ONUs.

HA7304C 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.

Feature

- Supply 4 SFP PON ports, 2 1000M SFP ports, 2 Combo uplink ports
- Each PON port support 1:64 split ratio, total 1256 ONUs access
- Distance can reach 20km under 1:32 split ratio
- Support to work with HA400/HA7200 series ONUs to establish passive network
- Support WEB and SNMP, 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

Application

1000M point to multi-point optic passive network

Technical Specification

Parameter	Specification
Operating wavelength	1310(RX) /1490(TX)
Optical power	+2.5 ~ +7dBm
Receiving sensitivity	-30dBm
Max distance	20km
Max splitter ratio	1:64
Capacity	4 PON, maximum 256pcs ONU
MAC	8k
Uplink port	2 SFP ports + 2Combo(SFP/TP) ports
PON port	4 SFP 1000M fiber ports
Control port	1 10/100M MGMT NMS RJ45 port; 1 Console(RJ45), to debug the device; 1 USB port (not available yet)
MTBF	100,000 hours
EPON traits	Support IEEE802.3ah
	Support DBA with minimum1Kbps granularity adjustable
	Support 1Gbps up link and down link symmetrical bandwidth
	Support AES-128 encryption to each Logical Link Identifier
	Support powerful OAM function, implement telnet management, maintenance and upgrade
	Support auto discovery and auto register of ONU (real-time operation)
Protocols supported	Support IEEE802.3、IEEE802.3u、IEEE802.3ab、IEEE802.3z
	Support IEEE802.1Q VLAN、IEEE802.1d Spanning Tree
	Support IEEE 802.1P QoS、IEEE802.3X Flow Control
	Support IEEE802.3ad Trunk、IEEE802.1W RSTP
Network management	Support GUI management based on SNMP
	Support WEB/CLI, Support inband and outband management
Other functions	Support 1GMPv1/v2 protocol report, query and leave message mouse
	Support DHCP Snooping
	Support Ipv4 address learning based at DHCP Snooping
	Support ARP Snooping, QoS etc

Working Environment

Parameter	Specification
Power	AC100~240V 50/60HZ、DC12V/5A redundant three power supply
Power Consumption	25W
Operating temperature	-10—55 C
Storage temperature	-40—70 C
Humidity	5%--90% non-condensing
Dimension	440mm(length) * 210mm(width) * 44mm(height)