

## HA7308C-BP Rack Type 8-PON OLT



### Overview

HA7308C-BP is a U rack type 8 SFP PON ports OLT. HA7308C-BP works with HA7200 series ONUs, HA400 series ONUs, and other brands ONUs, together with d ODN, to establish a passive optic network. The whole system supports 8-PON, 512 ONUs. It supports SNMP management and meets China Telecom EPON standards.

HA7308C-BP 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 8 SFP PON ports, 4 1000M SFP ports, 4 Combo uplink ports
- Each PON port support 1.64 split ratio, total 512 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

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## 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 | -27dBm  |
| Max distance          | 20km  |
| Max splitter ratio    | 1:64  |
| Capacity              | 8 SFP PON, each PON supports max 64pcs ONU, total 512pcs ONU                        |
| MAC                   | 16k   |
| Uplink port           | 4 SFP ports + 4 Combo(SFP/TP) ports   |
| PON port              | 8 SFP 1000M fiber ports   |
| Control port          | 1 10/100/1000M RJ45 port<br>1 Console(RJ45), to debug the device; 1 USB port        |
| 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 management and Telnet GUI management based on CLI                       |
| 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                 | Dual AC100~240V 50/60HZ |
| Power Consumption     | 35W                     |
| Operating temperature | -10—55 C                |
| Storage temperature   | -40—70 C                |

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HiOSO Technology Co., Ltd.

|           |   |
|-----------|---|
| Humidity  | 5%--90% non-condensing                      |
| Dimension | 440mm(length) * 260mm(width) * 44mm(height) |

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