

# 4 PON PORTS EPON OLT

S-OLT-EPON-4OLT-L3S  
S-OLT-EPON-4OLT-L3D



## Overview:

S-OLT-EPON-4OLT-L3D EPON OLT product is a 1U chassis device with L3 function developed by Secureeye. It complies with IEEE802.3ah standard, compatible with mainstream brand ONU access, easy to build EPON network flexibly and efficiently. It is smart, easy to deploy, and high performance, meeting the performance and volume requirements of users in different environments, and It also supports rich operation and maintenance tools such as EMS, WEB, Telnet, SSH and mobile APP, provides users with stable, efficient and value-added network access services. The product is suitable for "Triple-Play", CPN, IP Camera, Enterprise LAN and IOT applications. S-OLT-EPON-4OLT-L3D EPON OLT provides 4\*EPON Port, 4\*GE(RJ45) Port and 4\*10GE(SFP+) Port. It can support 256 ONU under 1:64 splitter ratio.

## Functional Characteristics:

### Satisfactory Standard

- Meet IEEE802.3ah standards

### Support IPv6 Function

- Support DN, IPv6 Ping, IPv6 Telnet
- Support ACL based on source IPv6 address, destination Ipv6 address, L4 port, protocol type, etc.
- Support MLD v1/v2 snooping

### IP Route

- Support static route, dynamic route RIP v1/v2、 OSPF v2(optional)

### Easy to Manage

- Friendly EMS/Web/Telnet/CLI/SSH management
- CLI command style similar to mainstream manufacturers
- Support APP management

### Fully Open Platform

- Open to any brand of ONU

### High Performance Cost

- 1U height compact design
- Adopt mainstream chip scheme

| Specification      |                                      | S-OLT-EPON-4OLT-L3S / S-OLT-EPON-4OLT-L3D |  |
|--------------------|--------------------------------------|---|--|
| Chassis            | Rack                                 | 1U 19 inch standard box                   |  |
| 1G/10G Uplink Port | QTY                                  | 8   |  |
|                    | Copper 10/100/1000M auto-negotiation | 4   |  |
|                    | SFP 1GE                              | 4   |  |
|                    | SFP+ 10GE                            |   |  |

|                                       |                          |  |
|---------------------------------------|--------------------------|--|
| EPON Port                             | QTY                      | 4  |
|                                       | Physical Interface       | SFP Slot                                     |
|                                       | Connector Type           | PX20+  |
|                                       | Max splitting ratio      | 1:64   |
| Management Ports                      |                          | 1*10/100BASE-T out-band port, 1*CONSOLE port |
| PON Port Specification (Px20+ module) | Transmission Distance    | 20KM   |
|                                       | EPON port speed          | Upstream 1.25G, Downstream 1.25G             |
|                                       | Wavelength               | TX 1490nm, RX 1310nm                         |
|                                       | Connector                | SC/UPC                                       |
|                                       | Fiber Type               | 9/125µm SMF                                  |
|                                       | TX Power                 | +2~+7dBm(PX20+)                              |
|                                       | Rx Sensitivity           | -30dB(PX20+)                                 |
|                                       | Saturation Optical Power | -6dBm  |
| Dimension(L*W*H)                      |                          | 442*200*43                                   |
| Weight                                |                          | 3.2kg  |
| AC Power Supply                       |                          | AC:100 ~ 240V, 47/63Hz                       |
| DC Power Supply(DC:-48V)              |                          | √  |
| Double Power Module Hot Backup        |                          | √  |
| *BBU(Battery Backup Unit)             |                          | X  |
| Max Power Consumption(W)              |                          | 30W  |
| Operating Environment                 | Working Temperature      | 0°C +50°C                                    |
|                                       | Storage Temperature      | -40°C~+85°C                                  |
|                                       | Relative Humidity        | 5 ~ 90%(non-conditioning)                    |

### Typical Application

