

EPON Optical Line Terminal for Broadband Access

The SOLT-1 is a broadband internet access device that satisfies user demands for high bandwidth and multiple business requirements. It is a high-density, large-capacity exchange-type EPON OLT product.



Overview

High-Performance EPON OLT

This EPON Optical Line Terminal is designed for high-density, large-capacity broadband access, offering flexible expansion capabilities for growing network infrastructures. It supports up to 40 PON ports and can connect up to 2560 remote ONUs, ensuring efficient fiber utilization and high spectral efficiency. The system includes robust hardware redundancy and advanced management features to deliver reliable services like internet, VoIP, and IPTV.

Capacity & Performance

PON Port Capacity	40 ports
Max ONU Connections	2560

Network Features

Security & Access Control

- ACL Access Control
- AES-128 Two-way Encryption
- QinQ Support
- Multicast VLAN Copy (MVR)

Supported Standards	IEEE802.3ah, OAM, IGMP Snooping V1/V2/V3, AES-128
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Reliability & Management

System Redundancy

Double Redundant Power • Uninterrupted Protection • Line Protection • Port Protection

Management System	SNMP-based GUI, IEEE802.3ah OAM
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