

# Intelligent Optical Switching Device

This intelligent optical switching device employs a single-stage method for strictly non-blocking cross-320G multicast. It provides 20G × N (up to 80G) low-level service scheduling capabilities for flexible business operations.



## Overview

### Intelligent Optical Switching Device

This intelligent optical switching device provides a scalable and flexible solution for high-performance network applications. Designed with a modular architecture, it supports a wide range of optical interfaces and full-speed Ethernet connectivity. The system is engineered to deliver robust network reliability through comprehensive protection mechanisms and dynamic bandwidth management, making it an ideal choice for data centers and telecommunications infrastructure.

## Capacity & Interfaces

### Optical Interface Configurations

- 4 STM-256 optical ports
- 32 STM-64 optical ports
- 80 STM-16 optical ports
- 160 STM-4/STM-1 optical ports

### Service Slots

20 slots

## Network Features

### Protection & Recovery

- Path protection
- Multiplex section protection
- Sub-network connection protection
- Pre-recovery
- Sharing recovery
- Dynamic recovery

### Ethernet Functions

FE/GE Full-speed, Layer 2 Switching, Virtual Concatenation, LCAS, VLAN, QinQ

## Deployment

### Suitable Deployment Scenarios

Trunk for province • Large Metro • Core Local • Small Metro • Medium Metro

### Network Planning

Improved OTNPlanner network planning software system