AMT
advanced media technologies®

DeltaStream 8-port Pizza-box GPON Optical Line Terminal

DS-P7001-08

1:128 Split Ratio for High Capacity

Supports 1:128 splitting ratio for every port—up to 1024 ONTs by one device.

Redundant Dual Power Supplies

Carrier-class reliability with redundant dual power supplies supporting AC, DC or mixed power input.

Compact Size for Flexible Deployment

19 inch rack mount size is flexible and easy to deploy, suitable for different application scenarios.

Centralized Management

Makes maintenance easier with remote batch configuration and updates via DeltaStream PON Management System(DPMS), SNMP, CLI, and WEB UI.

Specifications

Hardware

Interface	2 10 Gbps SFP+ Uplink Port, 1 10/100/1000Mbps RJ45 Uplink Port,	**Power Supply**	Dual Power Supply, 2 AC, 2DC or AC+DC, AC: 100V~240V, 50/60Hz, DC: -38.4V~-72V
	8 PON Port (SFP Slot), 1 RJ45 Console Port, 1 RJ45 MGMT Port, 1Alarm Port	**Dimensions (W * D * H)**	17.3 ×10.2 × 1.7 in(440 ×260 ×44 mm)
Button	Reset Button	**Power Consumption**	Max. 70W

GPON Port Attribute

Max. Splitting Ratio	1:128	**Transmission Distance**	20km
Data Rate	Downstream: 2.5Gbps; Upstream: 1.25Gbps	**Interface Type**	SC/UPC
Wave Length	Tx: 1490nm, Rx: 1310nm	**Tx Power**	Class C+
Fiber Type	9/125μm SMF (Single Mode Fiber)		

Software

OMCI	Standard OMCI Management Supported	**ONU Security**	Rouge ONU Detection and Isolation
ONU Authentication	ONU Auto Authentication		Uplink and Downlink Data Encryption
Multi-Service	Multi-Service Traffic Identify and Rate Limit	**QoS**	IEEE 802.1p/DSCP QoS
Routing	Static Routing		Voice VLAN
Mulitcast	IGMP Snooping/MLD Snooping		Auto VoIP
DHCP	DHCP Server	**Centralized Management**	Large-Scale Devices Management
	DHCP Relay		OLT Batch Configure, Upgrade, Reboot
Security	ACL		Multi-Site Management
	802.1x Authentication		Intelligent Network Monitoring
	ARP Inspection		Real-time Network Overview
	IP Source Guard		

Others

Certification	CE,FCC	**Package Contents**	OLT Device
Environment	Operating Temperature: 0℃~50℃ (32°F~122°F),		Power Cord and Console Cable
	Storage Temperature: -40℃~70℃ (-40°F ~158°F)		Installation Guide