



# DeltaStream 4-port Pizza-box GPON Optical Line Terminal

DS-P7001-04



## 1:128 Split Ratio for High Capacity

Supports 1:128 splitting ratio for every port—up to 512 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

<b>Interface</b>	1 10 Gbps SFP+ uplink port, 1 10/100/1000Mbps RJ45 uplink port, 4 PON Port (SFP Slot), 1 RJ45 Console Port, 1 RJ45 MGMT Port, 1Alarm Port	<b>Power Supply</b>	Dual power supply, AC: 100V~240V, 50/60Hz, DC: -38.4V~-72V
<b>Button</b>	Reset Button	<b>Dimensions (W * D * H)</b>	17.3*7.1*1.7 in (440*180*44 mm)
		<b>Power Consumption</b>	Max. 58W

## GPON Port Attribute

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

## Software

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

## Others

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

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