TP-DS-P7001-04

TP-Link DeltaStream 4-port Pizza-box GPON Optical Line Terminal

Product Overview

TP-Link DS-P7001-04 DeltaStream 4 port pizza-box GPON Optical line Terminal, 4x 2.5G PON Ports, 1x 10 Gbps SFP+ Uplink Port, 1x 10/100/1000 Mbps RJ45 Uplink Port, 1x RJ45 Console Port, 1x RJ45 management Port, Dual Power supplies, 20km transmission distance, 2.5 Gbps downstream Data rate, 1.25 Gbps upstream Data rate





Specifications

Overview:

DS-P7001-04 - DeltaStream 4-port Pizza-box GPON Optical Line Terminal

- 4 GPON Ports : Supports 1:128 splitting ratio for every port- up to 512 ONTs by one device.
- High-Speed Uplink Ports : Provides 1x 10GE SFP+ port and 1x gigabit uplink port.
- Redundant Dual Power Supplies : Carrier-class reliability with dual built-in AC+DC power supplies.
- Complete L2 & Advanced L3 Functions : Satisfies the need for numerous commercial requirements.
- Centralized Management : Via DeltaStream PON Management System (DPMS), SNMP, CLI, and WEB UI.
- Advanced L2/L2+ Functions : Static Routing, IGMP Snooping, and more meet the requirement for different applications.

Features:

4-Port GPON Optical Line Terminal
DS-P7001-04

4 GPON Ports, Supports 512 ONUs
Supports 1:128 splitting ratio for every port- up to 512 ONTs by one device.

- 4x 2.5G PON Ports
- 1x 1GE RJ45 Uplink Port
- 1x Alarm Port (Reserved)
- 1x 10GE SFP+ Uplink Port
- 1x 1GE RJ45 Management Port, 1x RJ45 Console Port
- 1:128 Split Ratio

Free Centralized Management - Via DeltaStream PON Management System (DPMS)
Easy maintenance and centralized management makes your life a breeze. Configure and update all your devices at once via

DeltaStream PON Management System (DPMS), SNMP, CLI and Web UI.

- No Additional Expense
- Improve Management Efficiency And Reduce Maintenance Costs
- The Easy-to-Use Dashboard Ensures Hassle-Free Configuration

Compact Size, Flexible Deployment
Mount in a rack for flexible deployment with all your other products.

Constant Reliability Through Redundant Dual Power Supplies
Dual built-in AC and DC power supplies ensures carrier-class reliability.

- AC input: 100V~240V 50/60Hz
- DC input: 38.4V~72V

Specifications:

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Specifications	
Product Code	TP-DS-P7001-04
HARDWARE FEATURES	
Interface	4 x 2.5G PON Ports
	1 x 10 Gbps SFP+ Uplink Port
	1 x 10/100/1000 Mbps RJ45 Uplink Port
	1 x RJ45 Console Port
	1 x RJ45 MGMT Port
	1 x Alarm Port (Reserved)
Button	Reset Button
Power Supply	Dual Power Supplies
	AC: 100V~240V, 50/60Hz
	DC: -38.4V~-72V
Power Consumption	Max. 58W
Dimensions (W x D x H)	17.3 x 7.1 x 1.7 in (440 x 180 x 44 mm)
SOFTWARE FEATURES	
Security	ACL
	802.1x Authentication
	ARP Inspection
	IP Source Guard
DHCP	DHCP Server
	DHCP Relay
OMCI	Standard OMCI Management Supported

ONU Authentication	ONU Auto Authentication
ONU Security	Rouge ONU Detection and Isolation
	Uplink and Downlink Data Encryption
Multi-Service	Multi-Service Traffic Identify and Rate Limit
QoS	IEEE 802.1p/DSCP QoS
	Voice VLAN
	Auto VoIP
Routing	Static Routing
Mulitcast	IGMP Snooping
	MLD Snooping
Centralized Management	Large-Scale Devices Management
	OLT Batch Configure, Upgrade, Reboot
	Multi-Site Management
	Intelligent Network Monitoring
	Real-time Network Overview
OTHERS	
Certification	CE, FCC
Package Contents	OLT Device
	Power Cord and Console Cable
	Installation Guide
	Mouting Brackets, Screws and Rubber Feet
Environment	Operating Temperature: 0 degreesC~50 degreesC (32 degreesF~122 degreesF)
	Storage Temperature: -40 degreesC~70 degreesC(-40 degreesF ~158 degreesF)
GPON PORT ATTRIBUTE	
Max. Splitting Ratio	1:128
Transmission distance	20km
Data rate	Downstream: 2.5 Gbps
	Upstream: 1.25 Gbps
Wavelength	Tx: 1490 nm
	Rx: 1310 nm
Interface type	SC/UPC
Fiber type	9/125um SMF (Single Mode Fiber)
Tx power	Class C+

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/TP-DS-P7001-04-TP-Link-DeltaStream-4-port-Pizza-box-GPON-Optical-Line-Terminal-p-285209.php

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