

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



Compact Size for Flexible Deployment

LQFK UDFN PRXQW VL]H LV °H[LEOH DQG HDV\ WR GHSOR\ VXLWDEOH IRU
GL-HUHQW DSSOLFDWLRQ VFHQDULRV

Centralized Management

0DNHV PDLQWHQDQFH HDVLHU ZLWK UHPRWH EDWFK FRQ®JXUDWLRQ DQG XSGDWHV
YLD 'HOWD6WUHDP 321 0DQDJHPHQW 6\WHP '306 6103 &/, DQG :(% 8,

Specifications

Hardware

Interface	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, 1 Alarm Port	Power Supply	Dual power supply, AC: 100V~240V, 50/60Hz, DC: -38.4V~-72V
Button	Reset Button	Dimensions (W * D * H)	17.3*7.1*1.7 in (440*180*44 mm)
		Power Consumption	Max. 58W

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	Rogue 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
Multicast	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°C~50°C (32°F~122°F), Storage Temperature: -40°C ~70°C (-40°F ~158°F)		Power Cord and Console Cable
			Installation Guide
			Mouting Brackets, Screws and Rubber Feet