

TP-Link DeltaStream DS-LGPA-16 optical line terminal (OLT)

Brand : TP-Link

Product family: DeltaStream

Product code: DS-LGPA-16

Product name : DS-LGPA-16



- 16x GPON Ports: Delivers high-speed transition rate up to 2.488 Gbps downstream and 1.244 Gbps upstream (per port).*

- High Scalability: Supports 1:128 splitting ratio for GPON services (per port)

- Flexible Deployment: Comaptible with TP-Link's Chassis optical line terminals and supports hot swapping for seamless upgrading

- L2 & Advanced L3 Functions: Rich and robust functions satisfy flexible deployment and scalability needs

- Centralized Management: Supports the management via the DeltaStream PON Management System (DPMS), SNMP, CLI, and Web UI

16x GPON Ports, 2.488 / 1.25 Gbps, 1:128 splitting ratio, L2/L3, 56.2W

TP-Link DeltaStream DS-LGPA-16. Switch layer: L2/L3, GPON split ratio (max): 1:128, Maximum operating distance (GPON): 20000 m. Networking standards: IEEE 802.1p, IEEE 802.1x. DC voltage range: -38.4 -

-57.6 V, Power consumption (max): 56.2 W. Compliance certificates: CE, Federal Communications

Commission (FCC). Width: 390.8 mm, Depth: 257.5 mm, Height: 22.5 mm

Features		Power	
Switch layer	L2/L3	DC voltage range	-38.4 - -57.6 V
Static route	✓	Power consumption (max)	56.2 W
DHCP server	✓	Sustainability	
DHCP relay	✓	Sustainability compliance	✓
IGMP snooping	✓	Operational conditions	
Multicast Listener Discovery (MLD) snooping	Yes	Operating temperature (T-T)	0 - 50 °C
Quality of Service (QoS) support	✓	Storage temperature (T-T)	-40 - 70 °C
Voice VLAN	✓	Operating relative humidity (H-H)	10 - 90%
GPON split ratio (max)	1:128	Storage relative humidity (H-H)	5 - 90%
Maximum operating distance (GPON)	20000 m	Certificates	
Access Control List (ACL)	✓	Compliance certificates	CE, Federal Communications Commission (FCC)
Ports & interfaces		Weight & dimensions	
Networking standards	IEEE 802.1p, IEEE 802.1x	Width	390.8 mm
Ethernet LAN (RJ-45) ports	16	Depth	257.5 mm
GPON ports quantity	16	Height	22.5 mm



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