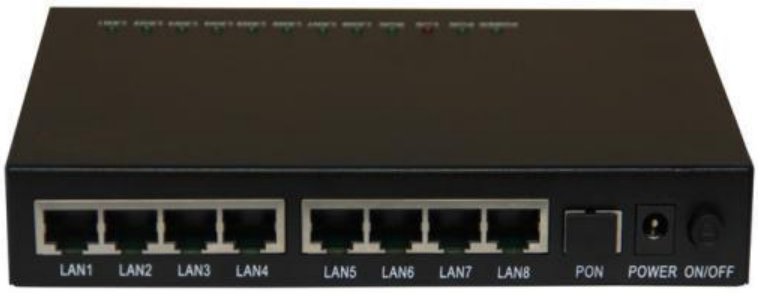
8 ports GPON ONU (MDU) - TG-G17800H



Product Overview

8 ports GPON ONUseries is a MDU device integrated Ethernet switch and optical network unit ONU function,can combine well with OLT to built an efficient GPON solution,well satisfies the application of broadcast and television bidirectional network and FTTO/FTTB.Completely meet the standard of IEEE802.3ah and YD/T 1475-2006.

Product Advantage

8 ports GPON ONU is an optical network device that meets current market requirement. 1. One MDU supports 8 ethernet ports(RJ45 port) and one GPON port.

2.GPON: Meet IEEE802.3ah and YD/T 1475-2006 stand .

3.System capacity: 8 ethernet RJ45 ports, achieve ONU and ethernet switch mixing together in the GPON+LAN access solution.

4.Size :1U, occupies less space in the computer room, consumes less power and reduces the operating cost of the business.

Product Feature

1.Using point to multi point network topology,effectively collect dispersed user ethernet business then converged in the metropolitan area network node.Provide standard RJ45 Fast Ethernet interface on user side,achieve smooth interconnection with existing networks .

2.Dynamic bandwidth allocation(DBA) enables all users to share 1Gbps bandwidth more reasonably,achieve a reliable quality of service guarantee (QoS).

3.Support IGMP multicast and make full use of broadband.

4.Support port isolation.

5.Support ethernet loop detection,automatically identifies whether exit ethernet loop block,when the loop disappears, it will automatically recover.

6.Support VLAN multicast.

7.Support 2-7 layer ACL filtering.

8.Support remote loopback, remote diagnostics network status.

9.OAM design,includes configuration, alarm, performance monitoring, fault isolation and security management ,provides both remote administration through OLT and local console management.

10.Metal shell with 8 Gigabit independent ports.

11.Support WEB management.

Technology Parameter

Model	Specification
Port	8*10/100BASE-T 1PON port
System capacity	Splitting ratio:1:64
PON	Uplink 1Gbps and downlink 2Gbps asymmetric rate, Rx sensitivity: no less than-30dBm Security : ONU authentication mechanism Network coverage radius: 30km
Standard	IEEE802.3ah IEEE 802.1D, Spanning Tree IEEE802.1Q, VLAN IEEE 802.1w, RSTP IEEE 802.3ad physical link static / dynamic aggregation (LACP) Ethernet – II, Ethernet-SNAP

	IEEE 802.3ad VLAN Stacking(Q in Q)
Service quality	Back pressure flow control (half duplex) IEEE 802.3xflow control (full duplex) IEEE p802.1p, CoS WRR、SPand FIFO queue scheduling algorithm Support 802.1P/DSCPpriorityMark/Remark Uplink and downlink speed limiting per ONU
VLAN	Port VLAN IEEE802.1Q VLAN relay QinQ，and support flexible QinQ
Multicast	IGMP v1/v2/v3 IGMP Snooping Multicast VLAN，controlled multicast .
Reliability	Single direction link detection protocol prevents the survival tree loop Expansion slot, EPON optical module hot plug EAPS fast loop protection function EPON optical path protection
	Limit the maximum number of users per port

Network security	Port isolation Message storm control ACL access control function of data stream PON port transmission data encryption
Configuration and management	CLI, Web, SNMP, TELNET,clustering etc management. RMON v1, 1,2,3,9 group. SSHv1/v2 Software upgrades and bootrom upgrades can be made through TFTP and FTP, Local or server record syslog Command prompt in Chinese and English ping, traceroute network testing tools, Output debug
Size	177*126*27 Installation: Desktop / wall hanging
Weight	<0.5kg
Environment requirement	Working environment：-30℃～55℃；10%～90%non-condensing
	Storage environment：-40℃～80℃；5%～95%non-condensing
Power supply	Input voltage：AC100～240V，input frequency:47～63Hz Input current：1A/230V