Product featurs:

PON Features	SN/SN+Password/LOID/LOIDPassword/L01 D+L01 D Password authentication modes;DBA algorithm, and the particle is for 64Kbit/s; Standard OMCI management function;ONU batch software upgrade;PON port optical parameter detection;Auto registeration ONU bound with default profile	
L2 Features	MAC	MAC Black Hole; Port MAC Limit;64K MAC (packet exchange chip cache 2MB);
	VLAN	4K VLAN entries;Port-based VLAN classification; Uplink VLAN Swap and VLAN Remark;
	Spanning Tree	STP/RSTP/MSTP,Loop detection
	Port	Support link aggregation;Port mirroring;
	Service Port	Auto configuration service-port by profile VLAN transparent/tag/stacking/aggregation
Security Features	User Security	Anti ARP spoofing;Anti ARP flooding; Port Isolation;MAC address binding to the port and MAC address filtering;
	Device Security	Support the control layer to prevent a variety of DOS attacks and virus attacks against the CPU;Hierarchical management and password protection of users;SSHv2 Secure Shell;Login Security IP via Telnet
	Network Security	User based MAC and ARP traffic examination;Restrict ARP traffic of each user and force out user with abnormal ARP traffic;Dynamic ARP table-based binding; IP+VLAN+MAC+Port binding;L2 to L7 ACL flow filtration mechanism on the 80 bytes of the head of user-defined packet;Port-based broadcast/multicast suppression and auto shutdown risk port;DHCP Option82 and PPPoE+ upload user's physical location
Reliability	Loop Protection	Loopback detection;
	Link Protection	RSTP/MSTP(recover-time<ls，Link aggregation (recover-time <10ms)
	Device Protection	1+1 power hot backup;
Maintenance	Network Maintenance	Port real time,utilization and transmit/receive statistic;Powerful WEB GUI; Data Logging and RFC 3164 BSD syslog protocol;Ping
	Device Maintenance	Console port, Telnet, SSH management; Out band management;SNMPvl/v2;RMON (Remote Monitoring)l,2,3,9 groups MIB; SNTP;Fan management
Service Features	QoS	Rate-limit to packet sending/receiving speed of port or self-defined flow

		and provide general flow monitor and two speed tri color monitor of self-defined flow;CAR(Committed Access Rate),Traffic Shaping and flow statistics;Packet mirror and redirection of interface and self defined flow;Supports priority marking of ports or custom flows and provides 802.lp, DSCP-priority Remark capability;Super queue scheduler based on port or self defined flow. Each port/flow supports 8 priority queues and scheduler of SP, WRR andSP+WRR;Congestion Avoidance Mechanism, including Tail-Drop and WRED;
	ACL	Standard and extended ACL;Time Range ACL;Flow classification and flow definition based onsource/destination MAC addressVLAN, 802.lp, ToS, DiffServ, source/destination IP(IPv4/IPv6) address, TCP/UDP port numberprotocol type, etc;packet filtration of L2～ L7 deep to 80 bytes of IP packet head
	1Pv4	DHCP Relay; DHCP Server; DHCP Snooping; Static Routing
	Multicast	IGMPvl/v2/v3 Snooping; IGMP Fast leave;IGMP Proxy;

Product specification

Switching Capacity	67Gbps
Service Port	4*PON port, 4*GE RJ45, 2*GE SFP port, 2*10GE SFP+ port
Redundancy Design	Dual power supply,Support double AC input, double DC input and AC+DC input
Powe supply	AC: input 100～240V;50/60Hz
Power Consumption	50W
Dimensions	440mm×44mm×380mm
Weight(Full loaded)	≦5KG
Environmental Requirements	working temperature: -10℃～55℃ Storage temperature: -40C～ 70C;Relative humidity: 10°/o～ 90°/o, non-condensing
Max Transmission Distance	20KM
Max Transmission Distance	Max Splitting Ratio: 1:128

GPON 4PON OLT:

lU 19 inch

1+1 power redundancy

4 * fixed GPON port

4GE RJ45, 2*GE SFP port, 2*10GE SFP+ port

1* console port, 1*ETH port