G04L



Product Features:

PON Features	DBA algorith Standard ON ONU batch s PON port op	sword/LOID/LOIDPassword/LOID+LOID Password ion modes; nm, and the particle is for 64Kbit/s; MCI management function; software upgrade; etical parameter detection; eration ONU bound with default profile		
Security	User Security Device Security	Anti-ARP-spoofing; Anti-ARP-flooding; Port Isolation; MAC address binding to the port and MAC address filtering; 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;		
Features	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		

	QoS

Service

Maintenance

eatures	
	ACL

Time Range ACL; Flow classification and flow definition based onsource/destination MAC addressVLAN, 802.1p, 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;

Rate-limit to packet sending/receiving speed of

port or self-defined flow and provide general

flow monitor and two-speed tri-color monitor

CAR(Committed Access Rate), Traffic Shaping

Packet mirror and redirection of interface and

Supports priority marking of ports or custom

flows and provides 802.1p, DSCP-priority

Super queue scheduler based on port or

priority queues and scheduler of SP, WRR

self-defined flow. Each port/flow supports 8

Congestion Avoidance Mechanism, including

of self-defined flow;

and flow statistics;

self-defined flow;

Remark capability;

Tail-Drop and WRED;

Standard and extended ACL;

andSP+WRR;

DHCP Relay;

DHCP Server;

IGMPv1/v2/v3 Snooping;

IGMP Fast leave;

IGMP Proxy;

IPv4 DHCP Snooping; Static Routing;

Multicast

Network

Maintenance

Port real-time, utilization and transmit/receive statistic

Powerful WEB GUI

Data Logging and RFC 3164 BSD syslog protocol; Ping

Device SNMPv1/v2 Management

Console port, Telnet, SSH management; Out-band management; RMON (Remote Monitoring)1,2,3,9 groups MIB; SNTP; Fan management

Product Features:

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
Reliability	Loop Protection	Loopback-detection;
	Link Protection	RSTP/MSTP (recover-time <1s); Link aggregation (recover-time <10ms);
	Device Protection	1+1 power hot backup;

Product Specification:

Switching Capacity	72Gbps
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
Power Supply	AC: input 100~240V 50/60Hz;
Power Consumption	50W
Dimensions (Long* Width	* high) 442mm*260mm*44mm
Weight (Full-Loaded)	≤5kg
Environmental Requirements	Working temperature: -10°C~55°C Storage temperature: -40C~70C Relative humidity: 10%~90%, non-condensing
Max Transmission Distance	Max Transmission Distance: 20km
Max Transmission Distance	Max Splitting Ratio: 1:128

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- 1U 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