



OAM5330-28FC-AC Datasheet

OAM5330-28FC-AC Aggregation Lite L3 Switch Datasheet.

OAM5330 Series 10G Uplink Security Switch

OAM5330 is designed for carrier-class GE access and 10G uplink networks. It covers all kinds of enterprise/ operators customer, providing 20/24/48* 10/100/1000Base-T, 1000Base-X SFP or 10G SPF+ for the demand of cost-effective Gigabit access / aggregation. OAM5330 adopts high performance processor to provide full speed forwarding and line-dormant capacity to coordinate with NGBN, supporting strong ACL, IP+MAC+ports binding and so forth.

Product Feature:

Item		OAM5330-28FC-AC
L2 Features	MAC	16K MAC Aging time and add/remove static MAC Port MAC Limit Disable MAC address learning on port or channel-group MAC address filtering
	VLAN	4K VLAN entries Port based and MAC-Based VLAN Q-IN-Q
	Spanning Tree	STP/RSTP/MSTP Remote Loop Detecting
	Port	Bi-Directional bandwidth control Static link aggregation and LACP Port Mirroring
Security Features	IPV4	DHCP Relay DHCP Server,Static ARP L3 Forwarding Specification to be 512,Static Route,64 LPM (default router)

IP Routing	User's Security	Anti-ARP-spoofing Anti-ARP-flooding IP Source Guard create IP+VLAN+MAC+Port binding Port Isolation MAC address binding to the port and MAC address filtering IEEE 802.1x and AAA/Radius authentication
	Device Security	Anti-DOS attack(such as ARP, Synflood, Smurf, ICMP attack), ARP detection, worm and Msblaster worm attack SSHv2 Secure Shell SNMP v3 encrypted management Security IP login through Telnet Hierarchical management and password protection of users
	Network maintenance	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
Service Features	ACL	Standard 1 K and extended ACL Time Range ACL Flow classification and flow definition based on source/destination MAC address, VLAN, 802.1p, ToS, DiffServ, source/destination IP(IPv4/IPv6) address, TCP/UDP port number, protocol type, etc packet filtration of L2~L7 deep to 80 bytes of IP packet head
	QoS	Rate-limit to packet sending/receiving speed of port or self-defined flow Packet mirror and redirection of interface and self-defined flow Priority remark to port or self-defined flow and provide 802.1P, DSCP priority and Remark Super queue scheduler based on port or self-defined flow. Each port flow supports 8 priority queues and scheduler of SP, WRR SP+WRR, etc.
	Multicast	IGMPv1/v2/v3 Snooping,IGMP Filter MVR and cross VLAN multicast copy IGMP fast leave IGMP Proxy L3 multicast be 64

Reliability	Loop Protection	EAPS\ERPS\PVST and GERP (recover-time <50ms) Loopback-detection
	Link Protection	FlexLink (recover-time <50ms) RSTP/MSTP (recover-time <1s) LACP (recover-time <10ms)
	Device Protection	Double fault-tolerant backup of host program and configuration files
Maintenance	Network maintenance	Port real-time, utilization and transmit/receive statistic based on Telnet LLDP,802.3ah Ethernet OAM RFC 3164 BSD syslog Protocol,Ping and Traceroute
	Device Management	CLI,Console Port,Telnet and WEB Management Stack OAM (802.3ah and 802.1ag) VCT,User Hierarchical Permission,Radius,SNMP V1/V2/V3

Order Information	
Product Name	Description
OAM5330-28FC-AC	20*100/1000Base-X,4*GE Combo,4*10GE SFP+