

KDS-1530-28F

28 Port Layer 3 Managed Fiber Switch

24x 1/10G SFP+ + 4x 40/100G QSFP28 + 1 RJ45 + 1 USB



Features

- 24 port 1/10G SFP+
- 4 port 40/100G QSFP28
- Full L3 Features
- RIP v1/v2 OSPF BGP
- sFLOW
- MPLS

Specifications

KDS-1530-28F	
Performance	
Switching Capacity	1.28 Tbps, wire speed, (non-blocking)
Referral Rate	960 Mpps
MAC Table	32K
Jumbo Frames	16K
Flash RAM	32M
RAM	1G
Auto-negotiation	Supports
Auto MDI/MDIX	Supports
Store and Forward	Supports
Layer 2 Features	
Spanning Tree Protocol (STP)	IEEE802.1d Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.1s Multiple Spanning Tree Protocol Loop Back Detection , BPDU Guard
Multicast	IGMP v1/v2/v3 VLAN support up to 4K
VLANs	Port-based VLAN 802.1Q tag-based VLAN Guest VLAN GVRP
Link Aggregation(PortTrunk)	IEEE802.3ad LACP
Ethernet Ring Protection	G.8032 ERPS
Flow Control	IEEE802.3x
Private VLAN	Supports
Q in Q	Supports
Layer 3 Features	
Static Routing	Supports
BGP	Supports
OSPF	Supports
RIP v1/v2	Supports
VRRP	Supports
MPLS	Supports
Security Features	
Broadcast, multicast, unicast storm control	Secure Shell (SSH), Telnet security, SSH v1 and v2 support ACL, VLAN ID or IP address, MAC-Based, Protocol-Based, Port-Based, TCP/UDP Ethernet type, ICMP, IGMP, TCP flag
Sockets Layer (SSL), Web security	Port Security
DHCP Monitoring	IP+MAC Connection Port-Based
ARP Inspection	
IP Source Guard	
AAA, RADIUS, and TACACS+	
Management	
Web/SSL	SNMP v1,2,3 Firmware upgrade, (HTTP/HTTPS and TFTP)
Port Mirroring	DHCP Client/Relay/Option82 LLDP
Port Isolation	Web GUI Interface SNTP
Port Speed Limit	ITU-Y.1731
Telnet/SSH	CPU Load TFTP
Ping	Dual Image HTTP/HTTPS
Timezone	Syslog
802.1ag	802.3ah sFLOW Stacking
IPv6	
IPv6 MLD snooping	IPv4/IPv6 Dual Protocol Stack
DHCPv6	ICMPv6
ACLv6	IPv6 Telnet
IPv6 Static Routing	OSPFv3
RIPng	BGP4+
IPv6 discovery	MTU Discovery
Manual Tunnel	Manual Tunnel
Service Quality	
CoS	8 queues per port TCP/UDP Strict priority Weighted Round Robin (WRR) Weighted Fair Queuing (WRQ)
Speed Limitation	Login/Logout Speed control
Traffic classification	IEEE802.1p DSCP / IP precedence
RMON	4 Groups
ToS	Supports
First Come First Served	Supports
Headline	Supports
Best Effort Service	Supports
General Parameters	
Power Input	2 x AC100-240V, 50-60Hz
Max. Power Consumption	78 W
Working Temperature	-20 - 55 °C / -40 - 75 °C
Relative humidity	5% - 90%, non-condensing
Mechanical	
Dimensions	442.5 x 315 x 44 mm
Weight	6.2 kg
Setup	Free-standing, 19' rack mount
Standard	
CE mark, commercial	FCC Part 15 Class B
VCCI Class B	ISO 9001
EN55022 (CISPR 22), Class B	CE/LVD EN60950, RoHS