

KDS-1220-10P

8 port 10/100/1000 PoE + 2 port 100/1000 SFP L2+ Managed Switch



Features

- 8 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- Total PoE Budget: 130 W
- 8 ports PoE
- IEEE802.1x
- IEEE802.3z/ab

Specifications

KDS-1220-10P		
Parameter	KDS-1220-10P	
Port Capacity	10 Port Managed PoE Switch	
Port Types	8x 10/100/1000Base-T RJ45 copper ports (PoE) + 2x 100/1000 SFP ports + 1 RJ45 console port	
Performance		
Switching Capacity	20 Gbps, wire speed, (non-blocking)	
Forwarding Rate	14.88 Mpps	
MAC Table	8K	
Jumbo Frames	9KB	
Memory	4M	
Auto-negotiation	.	
Auto MDI/MDIX	.	
Store-and-Forward	.	
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	
IGMP Snooping	IGMP v1/v2	
VLANs	Support up to 4K VLANs Port-based VLAN 802.1Q tag-based VLAN	
Link Aggregation (TRUNK)	IEEE 802.3ad LACP	
Ethernet Ring Protection Switching	G.8032 ERPS	
Jumbo Frames	9KB	
Flow Control	IEEE802.3x	
Private VLAN	.	
Static Routing	.	
Q in Q	.	
Security Features		
Broadcast, multicast, unicast storm control	Secure Shell (SSH), Telnet security, supports SSH v1 and v2	
Secure Sockets Layer (SSL), Web security DHCP Snooping	ACL, VLAN ID or IP address, MAC Based, Protocol based, Port Based, TCP/ UDP	
ARP Inspection	Ethernet type,ICMP, IGMP, TCP flag	
IP Source Guard	.	
AAA, RADIUS and TACACS+	Port Security	
Management		
Web/SSL	SNMP	Firmware upgrade
Port Mirroring	DHCP Client	(HTTP/HTTPS and TFTP)
Port Isolation	Web GUI Interface	LLDP
Telnet/SSH	Cable Diagnostics	SNTP
Ping	CPU Load	TFTP
HTTP/HTTPS	Dual Image	Syslog
Timezone		
IPv6		
IPv6 MLD snooping	IPv4/IPv6 Dual Protocol Stack	
Quality of Service		
CoS	8 queues per port TCP/ UDP Strict priority Weighted Round Robin (WRR)	
Rate Limiting	Ingress/Egress Rate control	
Traffic classification	IEEE802.1p DSCP / IP precedence	
PoE		
Standard	IEEE802.3af, IEEE802.3at	
Total PoE Budget	130W	
Max. PoE Power for each port	30W	
Environment		
Input Power	AC100-240V, 50-60Hz	
Total Power Consumption	141W	
Operating/Storage Temperature	0 - 50 °C / -20 - 75 °C	
Operating Humidity	10% - 90%, non-condensing	
Mechanical		
Dimension	185 x 113 x 36 mm	
Weight	1.586 kg	
Installation	Free-standing, wall-mounted	
Standards and Protocols		
CE mark, commercial	FCC Part 15 Class B	
VCCI Class B	ISO 9001	
EN55022 (CISPR 22), Class B	CE/LVD EN60950, RoHS	