

KDS-I7120-10P

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



Features

- 8 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- Total PoE Budget: 240 W
- 8 ports PoE
- IEEE802.1x
- IEEE802.3az
- IEEE802.3z/ab
- IP40
- DIN Rail

Specifications

KDS-I7120-10P			
Performance			
Port Capacity	10 Port Gigabit Industrial Managed PoE Switch		
Port Type	8x 10/100/1000Base-T RJ45 copper ports (PoE) + 2x 100/1000 SFP ports+1 RJ45 console port +1 Alarm Port		
Performance			
Switching Capacity	20 Gbps , wire speed (non-blocking)		
Referral Rate	14.88 Mpps		
MAC Table	8K		
Jumbo Frames	9.6K		
Storage	4M		
Auto-negotiation	Supports		
Audio 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		
IGMP Snooping	IGMP v1/v2/v3 Support up to 4K VLANs Port-based VLAN		
VLANs	802.1Q tag-based/trunk based VLAN Guest VLAN		
Link Aggregation	IEEE 802.3ad LACP		
Ethernet Ring Protection	G.8032 ERPS		
Flow Control	IEEE802.3x		
Private VLAN	Supports		
Static Routing	Supports		
Static Routing	Supports		
Security Features			
Broadcast, multicast, unicast storm control Secure Sockets Layer (SSL), Web security DHCP Sniffing ARP Inspection IP Source Guard AAA, RADIUS, and TACACS+	Secure Shell (SSH, SFTP), Telnet security, SSH v1 and v2 support, ACL, VLAN1 ID or IP address, MAC-Based Filtering, Protocol-Based, Port-Based, TCP/UDP Ethernet type, ICMP, IGMP Listening/Querying, MVR, TCP flag, Port Security, 802.1x		
Management			
Web/SSL	SNMP (v1, v2, v3)	Firmware upgrade	
Port	DHCP Client	(HTTP/HTTPS and TFTP)	
Reflection	Web GUI Interface	LLDP	
Port	Cable Diagnostics	SNTP	
Insulation	CPU Load	TFTP	
Telnet/SSH	Dual	Syslog	
Ping	Image		
HTTP/HTTPS	RMON		
IPv6			
IPv6 MLD snooping	IPv4/IPv6 Dual Protocol Stack		
IPv6 Ping	IPv6 VLAN		
Service Quality			
CoS	8 queues per port TCP/UDP Strict Priority Weighted Round Robin (WRR) Strict Priority + Weighted Round Robin Traffic Shaping		
Speed Limitation	Login/Logout Speed control		
Traffic classification	IEEE802.1p DSCP / IP precedence ToS		
PoE			
Standard	IEEE802.3af, IEEE802.3at		
Total Power	240W		
Max.PoE power for each port	30W		
General Parameters			
DC Power Input	12-55V (47-55V for PoE)		
Max. Power Consumption	78 W		
Working Temperature	-40 - 80 °C / -50 - 85 °C		
Relative humidity	5% - 95%, non-condensing		
MTBF	> 355,000 hours		
Mechanical			
Dimensions	165 x 148 x 54 mm		
Weight	6.2 kg		
Setup	IP40 rating , DIN-rail		
Standard			
EN5022	EN61000-6-2	EN61000-4-5	IEC60068-2-27 Ea
EN61000-6-4	EN61000-4-2	EN61000-4-6	CE
EN61000-3-2	EN61000-4-3	EN61000-4-8	FCC
EN61000-3-3	EN61000-4-4	IEC60068-2-6	ISO 9001