

FSW-824-4SFP+

Switches/routers



This switch, due to its flexibility and scalability, is suitable for setup in secondary zone or floor cabinets.

With support for the IGMP Snooping multicast protocol, it allows IPTV traffic to be handled.

The 4 SFP+ ports at 10GE allow stack or uplink with other switches in the same series.



Technical Chars

- Layer 2+
- 24ports 10/100/1000 GE
- 4 x 10GE/1GE SFP+ uplink ports
- 128 Gbps backplane
- Forwarding rate 96 Mpps
- QoS & QinQ
- Up to 4096 VLANs
- Multicast/IGMP Snooping
- Fanless

FSW-824-4SFP+		
Code		287765
LAN input		24 x 10/100/1000M auto-negotiation, 4 x 10GE/1GE SFP+
RJ45 console	RJ45	1
Backplane	Gbps	128
Forwarding rate	Mpps/64bytes	96
Fans		0
Noise@25°C	dBA	57
Forwarding mode		Store-forward
Flash memory	MB	16
DRAM memory	MB	256
MAC		16k
Buffer size	MB	1.5
VLAN Interface		64
Routing table	RIB	512
MTBF	h	>200000

Functions		
Management		CLI: Console, Telnet, SSHv1/2, Web-GUI: HTTP, HTTPS/SSL Reset button, SNMP v1/v2c/v3, RMON, SNMP, alarm/inform/traps, NTP, SPAN, RSPAN (1:1 and N:1 mirror) LLDP, LLDP-MED, ZTP (Zero Touch Provisioning), Optical DDM, Ethernet cable diagnosis
Applications		<ul style="list-style-type: none"> Spanning Tree: 802.1d STP, 802.1w RSTP, 802.1s MSTP, BPDU protection, root protection and ring protection, L2PT for BPDU IPv4: Static routing, RIP, OSPF, VRRP IPv6: ICMPv6, DHCPv6, ACLv6, IPv6 Telnet, IPv6 QoS, IPv6 Neighbor Discovery, Path MTU Discovery, MLD Snooping Reliability: Static and LACP link aggregation, 64 groups, up to 8 ports, in one group, EAPS, ERPS, ISSU MAC switching: Static configuration and dynamic MAC learning(16K), MAC browsing and removal, Configurable aging time of the MAC address, Limited number of learnable MAC addresses, MAC filtering, Black-hole MAC list Jumbo frame: 9k
VLAN		4096 VLAN IDs, 4094 active VLAN, 64 SVI, GVRP, 1:1 and N:1 VLAN Mapping, QinQ and selective QinQ, Private VLAN, Voice-VLAN
MULTICAST		IGMP v1/v2/v3(1024 groups), IGMP Snooping, IGMP Fast Leave, Multicast group policy and multicast number limit Multicast filtering, MVR, Support for transparent passing of multicast traffic, without IGMP snooping in certain ports and VLANs
QoS		Traffic classification of port/L2 4 protocol headers/VLAN/CoS/DSCP CAR traffic control, 802.1P/DSCP priority mapping and remark, Multiple queuing algorithms such as SP, WRR or SP+WRR, Tail-Drop, WRED, Traffic supervision and traffic shaping, 8 queues per port
DHCP		<ul style="list-style-type: none"> DHCP server, client, relay, snooping
Security		<ul style="list-style-type: none"> L2 L4 ingress/egress ACL (895 IPv4 FP, 384 IPv6 FP) Anti-DOS/IP spoofing/TCP/ping/SYN/ICMP flood attacks Broadcast/multicast/unknown-unicast storm-control Port isolation Port Security, MAC address limitation, IP+MAC+port binding DHCP Snooping, DHCP Option 82 DAI(Dynamic ARP Inspection) IPSG(IP Source Guard) IEEE 802.1x certification MAC-based authentication AAA Radius, TACACS+ Multiple user privileges
Specifications		
Power supply voltage	Vdc/A	100-240 / 50-60
Current consumption	W	<35
Operating temperature	°C	0 to +50
Relative humidity	%	from 10 to 90 (without condensation)

Dimensions and packaging		
Pieces		1
EAN code		8016978108442
Packaging dimensions	mm	500 x 320 x 80
Product dimensions	mm	440 x 180 x 44
Packaging weight	kg	3.7
Weight	kg	2.4