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
MAC		16k

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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		- 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 - Reliablity: Static and LACP link aggregation, 64 groups, ups 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		DHCP server, client, relay, snooping
Security		- 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

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