

FSW-824-4SFP+

Switch/router



Questo switch, grazie alla sua flessibilità e scalabilità, è indicato per l'allestimento in armadi secondari di zona o di piano.

Il supporto del protocollo multicast IGMP Snooping consente la corretta gestione del traffico IPTV.

Le 4 porte SFP+ a 10GE permettono il collegamento stack o uplink con altri switch della stessa serie.



Caratteristiche tecniche

- Layer 2+
- 24 porte 10/100/1000 GE
- 4 porte di uplink 10GE/1GE SFP+
- Backplane 128 Gbps
- Forwarding rate 96 Mpps
- QoS & QinQ
- Fino a 4096 VLAN
- Multicast/IGMP Snooping
- Fanless

FSW-824-4SFP+		
Codice		287765
Ingresso LAN		24 x 10/100/1000M auto-negoziabile, 4 x 10GE/1GE SFP+
Console RJ45	RJ45	1
Backplane	Gbps	128
Forwarding rate	Mpps/64bytes	96
Ventole		0
Noise@25°C	dBA	57
Forwarding mode		Store-forward
Memoria flash	MB	16
Memoria DRAM	MB	256
MAC		16k
Buffer size	MB	1.5
Interfacce VLAN		64
Routing table	RIB	512
MTBF	h	>200000

Funzioni		
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
Applicazioni		- 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 filtration, 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 port and VLAN
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
Caratteristiche principali		
Tensione alimentazione	Vdc/A	100-240 / 50-60
Consumo	W	<35
Temperatura lavoro	°C	Da 0 a +50
Umidità relativa	%	da 10 a 90 (senza condensa)

Dimensioni e imballo		
Pezzi		1
Dimensioni imballo	mm	500 x 320 x 80
Dimensioni prodotto	mm	440 x 180 x 44
Peso lordo	kg	3.7
Peso	kg	2.4