

FSW-848-4SFP+

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+
- 48 porte 10/100/1000 GE
- 4 porte di uplink SFP+ 10GE
- Switching capacity 176Gbps
- Forwarding rate (64 bytes) 132Mpps
- QoS & QinQ
- Fino a 4096 VLAN
- Multicast

FSW-848-4SFP+		
Codice		287766
Ingresso LAN	48x 10/100/1000M auto-negoziabile, 4x SFP+	
Console RJ45	RJ45	1
Backplane	Gbps	176
Forwarding rate	Mpps/64bytes	132
Ventole	2	
Noise@25°C	dBA	45
Forwarding mode	Store-forward	
Memoria flash	MB	32
Memoria DRAM	MB	256
MAC	32	
Buffer size	MB	1.5
Routing table	RIB	2040
MTBF	h	>50,000

Funzioni		
Management		<ul style="list-style-type: none"> • CLI: Console, Telnet, SSHv1/2 • Web-GUI: HTTP, HTTPS/SSL • SNMP v1/v2c/v3, RMON, SNMP alarm/inform/traps • Upload and download of FTP/TFTP files • Debugging • Syslog for alarm/notification/command/debug • NTP • SPAN, RSPAN (1:1 and N:1 mirror) • LLDP, LLDP-MED • ZTP (Zero Touch Provisioning) • Optical DDM
Applicazioni		<ul style="list-style-type: none"> • Spanning Tree: 802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP), BPDU protection, root protection and ring protection, L2PT for BPDU • IPv6: ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet, IPv6 QoS, Path MTU Discovery, MLD snooping, IPv6 Neighbor Discovery • Reliability: Static/LACP link aggregation, 64 groups, up to 8 ports in one group, EAPS and 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, 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		<ul style="list-style-type: none"> • 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, relay, client, snooping
Security		<ul style="list-style-type: none"> • L2~L4 ingress/egress ACL • 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	<45
Temperatura lavoro	°C	Da 0 a +50
Umidità relativa	%	da 10 a 90 (senza condensa)
Dimensioni e imballo		
Dimensioni imballo	mm	576x448x94
Dimensioni prodotto	mm	440x280x44
Peso lordo	Kg	5.5
Peso	Kg	4.3