

## FSW-48GE4SFP2AC

Switch/router



Switch Layer 2+, in grado di fornire flessibilità, prestazioni 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
- Backplane 216Gbps
- Forwarding rate (64 bytes) 132Mpps
- QoS & QinQ
- Fino a 4096 VLAN
- Multicast

FSW-48GE4SFP2AC		
Codice		287625
Ingresso LAN		48x 10/100/1000M auto-negoziabile, 4x SFP+
Console RJ45	RJ45	1
Backplane	Gbps	216
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		32k
Buffer size	MB	1.5
Interfacce VLAN		64
Routing table	RIB	512
MTBF	h	>50000

Funzioni		
Management		Console, Telnet, SSH v1/v2, HTTP, HTTPS, SNMP v1/v2/v3, RMON
Applicazioni		<ul style="list-style-type: none"> <li>Spanning Tree: 802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP), BPDU guard, root guard and loopback guard IP. Static route, RIP, OSPF, IPv4/IPv6 dual stack</li> <li>IPv6: ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet, IPv6 neighbor discovery, Path MTU, Discovery, MLD V1, MLD snooping, IPv6 Static Routing, RIPng, OSPFv3, Manual tunnel, ISATAP tunnel, 6 to 4 tunnel</li> <li>Reliability: Static/LACP link aggregation, Interfaccia di backup, EAPS and ERPS, ISSU uninterrupted system upgrade, BVSS, up to 16-units per stack, VRRP, UDLD</li> </ul>
VLAN		4096 Active VLAN, QinQ & Selective QinQ, GVRP, Private VLAN & Voice-VLAN
MULTICAST		Support IGMP v1/v2/v3, IGMP Snooping, IGMP Fast Leave, MVR, IGMP filter
QoS		CAR, HQoS, MAC/IP/TCP/UDP/ VLAN/ COS/ DSCP/ TOS based QoS, 802.1P/DSCP priority re-labeling, SP, WRR and "SP+WRR", Tail-Drop, WRED, flow monitoring and traffic shaping
DHCP		<ul style="list-style-type: none"> <li>DHCP server/relay/client</li> <li>DHCP snooping/option82</li> </ul>
Security		<ul style="list-style-type: none"> <li>Port isolation, Port security, and "IP+MAC+port" binding, MAC sticky DAI &amp; IP source guard PPPoE+</li> <li>IEEE 802.1x, AAA, Radius and BDTacacs+</li> <li>L2/L3/L4 ACL flow identification and filtration Anti-attack from DDoS, TCP's SYN, Flood, UDP Flood</li> <li>Broadcast/multicast/unknown unicast stormcontrol - MD5, SHA-256, RSA-1024, AES256</li> </ul>
Caratteristiche principali		
Consumo	W	<40
Temperatura lavoro	°C	Da 0 a +50
Umidità relativa	%	da 10 a 90 (senza condensa)
Dimensioni e imballo		
codice EAN		8016978106554
Dimensioni imballo	mm	576 x 448 x 94
Dimensioni prodotto	mm	440 x 280 x 44
Peso lordo	kg	5.5
Peso	kg	4.3