FRACARRO

FSW-48GE4SFP2AC

Switches/routers

Layer 2+ switch capable of providing flexibility, performance and scalability.

Support for the IGMP Snooping multicast protocol allows for correct management of IPTV traffic.

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

Technical Chars

- Layer 2+
- 48 10/100/1000 GE ports
- 4 x 10GE/1GE SFP+ uplink ports
- 216Gbps backplane
- Forwarding rate (64 bytes) 132Mpps
- QoS & QinQ
- Up to 4096 VLANs
- Multicast

FSW-48GE4SFP2AC		
Code		287625
LAN input		48 x 10/100/1000M auto-negotiation, 4 x SFP+
RJ45 console	RJ45	1
Backplane	Gbps	216
Forwarding rate	Mpps/64bytes	132
Fans		2
Noise@25°C	dBA	45
Forwarding mode		Store-forward
Flash memory	MB	32
DRAM memory	MB	256
MAC		32k
Buffer size	MB	1.5
VLAN Interface		64
Routing table	RIB	512
MTBF	h	>50000

Functions

Management		Console, Telnet, SSH v1/v2, HTTP, HTTPS, SNMP v1/v2/v3, RMOM
Applications		• 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 • IPv6: ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet, IPv6 neighbour discovery, Path MTU, Discovery, MLD V1, MLD snooping, IPv6 Static Routing, RIPng, OSPFv3, manual tunnel, ISATAP tunnel, 6 to 4 tunnel • Reliablity: Static/LACP link aggregation, backup interface, EAPS and ERPS, ISSU uninterrupted system upgrade, BVSS, up to 16 units per stack, VRRP, UDLD
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		• DHCP server/relay/client • DHCP snooping/option82
Security		• Port isolation, Port security, and "IP+MAC+port" binding,MAC sticky DAI & IP source guard PPPoE+ • IEEE 802.1x, AAA, Radius and BDTacacs+ • L2/L3/L4 ACL flow identification and filtration Anti-attack from DDoS,TCP's SYN, Flood, UDP Flood • Broadcast/multicast/unknown unicast stormcontrol - MD5, SHA-256, RSA-1024, AES256

Specifications

Power supply voltage	Vdc/A	100-240 / 50-60
Current consumption	W	<40
Operating temperature	°C	0 to +50
Relative humidity	%	from 10 to 90 (without condensation)

Dimensions and packaging

EAN code		8016978106554
Packaging dimensions	mm	576 x 448 x 94
Product dimensions	mm	440 x 280 x 44
Packaging weight	Kg	5.5
Weight	Kg	4.3