FRACARRO

FSW-848P-6SFP+

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 48 GE PoE ports allow powering field devices such as IP video surveillance cameras and access points.

The 6 SFP+ ports at 10GE allow stack or uplink with other switches in the same series.

Technical Chars

- Layer 2+
- 48 x 10/100/1000 GE ports
- 6 x 10GE/1GE SFP+ uplink ports
- 216Gbps backplane
- Forwarding rate 162Mpps
- QoS & QinQ
- Up to 4096 VLANs
- Multicast/ IGMP Snooping
- Power budget: 370W AC

FSW-848P-6SFP+		
Code		287768
LAN input		48 x 10/100/1000M PoE auto-negotiation, 6 x 10GE/1GE SFP+
RJ45 console	RJ45	1
Backplane	Gbps	216
Forwarding rate	Mpps/64bytes	162
POE power budget	W	370
Fans		2
Noise@25°C	dBA	45
Forwarding mode		Store-forward
Flash memory	MB	16
DRAM memory	MB	512
MAC		16k
Buffer size	MB	1.5
VLAN Interface		64
MTBF	h	>200000
POE Section		
POE power budget	W	370

Functions

Management		Console, Telnet, SSH v1/2, HTTP, HTTPS, SNMP v1/v2/v3, RMON, TFTP, FTP, SFTP, NTP, ZTP, SPAN, RSPAN, Dying gasp
Applications		- Spanning Tree: 802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP), BPDU guard, root guard and loopback guard - IPv4: Static route, RIP, OSP, IPv4/v6 dual stack - Routing table: 512 - IPv6: ICMPv6, DHCPv6, ACLv6 and Ipv6, IPv6 neighbor discovery, Path MTU discovery Telnet, MLD V1, MLD snooping, IPv6 Static Routing, RIPng, SPFv3, Manual tunnel, ISATAP tunnel,6 to 4 tunnel - Reliablity: Static/LACP link aggregation, Interface backup, EAPS and ERPS, ISSU uninterrupted system upgrade, BVSS, ups to 16-units per stack, VRRP, UDLD - Jumbo frame: 9k - Total output BTU (1000BTU/H=293W): 1535.84 AC, 2730.38 DC
VLAN		4096 Active VLAN, QinQ & Selective QinQ, GVRP, Voice-VLAN
MULTICAST		Supports 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 relabeling, 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,Radiusand BDTacs+ - L2/L3/L4 ACL flow identification and filtering Anti-attack from DDoS, TCP's SYN Flood, UDP Flood, etc. - Broadcast/multicast/unknown unicast storm-control - MD5, SHA-256,RSA-1024,AES256

Specifications

Power supply voltage	Vdc/A	100-240 / 50-60
Current consumption	W	<48 (no PoE), <450 AC
Operating temperature	°C	0 to +50
Relative humidity	%	10 to 90 (without condensation)

Dimensions and packaging

Packaging dimensions	mm	576 x 448 x 94
Product dimensions	mm	440 x 300 x 44
Packaging weight	Kg	6.2
Weight	Kg	4.8