

16 Ports Gigabit Managed PoE Switch

FSC-M16ET-POE



Features

- Ethernet port supports 10/100/1000M adaptive
- PoE functions
- Lightning Protection SurgeFeature 4
- 1U Rack Mount
- Green Energy Saving

Specifications

Model No.	FSC - M16ET-POE
Network	
Interface	16*10/100/1000M PoE Ports + 2*10/100/1000M Ethernet Uplink Ports + 2*Gigabit SFP Uplink Ports + 1*Console Port
Media	10BASE-T: Cat3, 4, 5 UTP (≤ 100 m) 100BASE-TX: UTP (≤100 m) above Cat5 1000BASE-TX: UTP (≤100 m) above Cat5
Network Protocols	IEEE 802.3, IEEE 802.3u IEEE 802.3ab, IEEE 802.3x IEEE 802.3z, IEEE 802.1q IEEE 802.1p
PoE Parameters	PoE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w) PoE compatibility: IEEE 802.3af/at adaptive POE port output: DC52V
Port Lightning Protection	General Mode 6KV, Differential Mode 4KV, ESD 15KV
Optical	Multimode fiber: 1310nm, 2Km Single mode fiber: 1310nm, 20/40 Km 1550nm, 60/80/100/120Km
Performance	
Forwarding mode	Store and Forward
VLANs	4096
MAC	8K
Flash Capacity	
Memory Capacity	128MB
Buffer Memory	4Mbit
Forwarding Rate	29.76Mpps
Back Bandwith	40GB

DIP Function	
VLAN	1-16 ports are isolated from each other, and the PoE Watchdog function is open (hardware takes precedence over software)
Default	All ports can communicate with each other, PoE Watchdog is closed
Extend	13-16 Port: Supports 250m link extension at a rate of 10M, other ports normal, PoE Watchdog open (hardware takes precedence over software)
Power Supply	
Power Input	AC 110-264V
Power Output	DC 52V, 3.85A, Total Power 200W
Surge Protection	±4KV
General	
Working Temperature	-20°C~55°C
Working Humidity	10~95% (non-condensing)
Color	Metal, Black
MTBF	>100,000 hours
Dimensions	410×185×44,5mm
Certification	CE, FCC Rohs
Weight	2,3kg
Layer 2 Software Function	
Port Management	Enable/Disable Port Speed, Duplex, MTU Setting Flow-control Port Information Check
Port Mirroring	Support both side-way port mirroring

Port Speed Limit	Support port-based input/output bandwidth management
Port Isolation	Support the downlink port isolation, and can communicate with the uplink port
Storm Sppression	Supports unknown unicast, multicast, unknown multicast, broadcast type storm suppression Storm suppression based on bandwidth regulation and storm
Link Aggregation	Support static manual aggregation Support LACP dyamic aggregation
VLAN	Access, Trunk, Hybrid Support port, protocol, MAC-based VLAN partitioning Support GVRP dynamic VLAN registration Voice VLAN
MAC	Support static addition, deletion MAC address learning limit Support dynamic aging time setting
Spanning tree	Support STP spanning tree protocol Support RSTP Rapid Spanning Tree Protocol Support MSTP Rapid Spanning Tree Protocol
Multicast	Static addition, deletion IGMP snooping MLD-Snooping V1/2/3 dynamic multicast monitor
DDM	Support SFP/SFP+DDM
Extended Function	
ACL	Based on source MAC, destination MAC, protocol type, source IP, destination IP, L4 port
LLDP	Support LLDP link discovery protocol
Network diagnosis	Support ping, telnet, trace
System Management	Device reset, configuration save/restore, upgrade management, time setting, etc
Management Function	
CLI	Serial port command line management
SSH	SSHv1/2 remote management
TELNET	Telnet remote Management
WEB	Support Layer 2 settings, Layer 2 and Layer 3
SNMP	SNMP V/V2/V3 Support trap, ColdStart, WarmStart, LinkDown, LinkUp
RMON	Support RMON v1
POE	Support PoE power supply
Other Functions	Support DHCP Snooping Support dynamic ARP detection Support TACACS+ Support DNS Support port security Support MVR protocol Support Cable detection VCT function Support UDLD protocol