

Ethernet Switches

24 port Fiber Ethernet Switch

ES-24F



■ Product Description

ES-24F is purpose-built Bi-Direction fiber Ethernet switch with redundant AC and DC input for carrier-class last mile Ethernet access solution. It has 24 100Base-BX Ethernet ports and 4 Combo gigabit Ethernet ports enabling both fiber connectivity (SFP) and copper connectivity (RJ-45). The non-blocking design delivers full wire-speed throughput simultaneously to all ports ensuring reliable, low-latency throughput in a 19",1U rack-mount form factor.

■ Features

- ▶ Front-panel stacking via standard gigabit Ethernet interfaces can stack up to 8 switches providing expandability to meet growing needs
- ▶ Spanning Tree: IEEE 802.1D STP, IEEE 802.1W (RSTP), IEEE 802.1S (MSTP) - up to 16 instances
- ▶ Ethernet Ring Protection mechanism - 50ms rapid link switching and protection
- ▶ IEEE 802.1Q VLAN tagging
- ▶ IEEE 802.3ad LACP link aggregation compliant
- ▶ Support static manually port trunking
- ▶ Multicast VLAN & IGMP v1, v2, v3
- ▶ Advanced security features: Port, MAC, ACL, AntiDOS, IEEE 802.1X
- ▶ Management by CLI via console port Telnet /SSH /Web /SNMP v1, v2c, v3
- ▶ Firmware/ Configuration upgrade via TFTP / FTP / Xmodem server
- ▶ Remote SPAN
- ▶ NTP / SNTP
- ▶ Stacking Management
- ▶ SysLog

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■ Product Specifications

Features		ES-24F
Performance	Switching Capability	12.8Gps
	Transmitting capability (PPS)	9.52Mpps
	Wire-speed Performance	Full wire speed switching
	MAC table	16K
	Jumbo frame	13Kbyte
	Packet buffer	1MByte
	System memory	64MByte
	Flash memory	8Mbyte
Interface	10/100M Ethernet	24*100base-BX bi-directional WDM (SFP/20Km)
	Combo Gigabit Ethernet (RJ-45/SFP)	4
	RS-233 (console)	1
Mechanical	Dimensions (W x D x H)	442mm*287.5mm *43.6mm
	Weight	3.5KG
Power Requirement	AC Input	90~240VAC, 50/60HZ
	DC Input	-48V ~ 60V
	Power Redundancy	Yes
	Max Power Consumption	50W
Environmental Specifications	Operating temperature	0 ~ 50°C
	Storage temperature	-40 ~ 70°C
	Operating humidity	5% to 85% non-condensing
	Relative humidity	10% ~ 90%, non-condensing
Electromagnetic Compatibility		EN55022 Class A -Emissions EN55024 - Immunity FCC Class A CE mark
Electrical Safety		EN 60950, UL 60950, CE mark

* Specifications are subject to change without notice

* Ver 1.0