

MPN: ELECTRA-IM04-1GB

6-port Gigabit Industrial Managed PoE Switch - 4*1Gbps PoE, 2*1Gbps SFP ports - PoE 120W

The 4-port 1000Mbps Industrial Managed PoE Switch from Ernitec is designed for robust performance in industrial environments. Here are some key features:

Gigabit Ethernet Ports:

Four 10/100/1000 Mbps PoE ports for high-speed data transmission.

Uplink Ports: Two Gigabit SFP uplink ports for flexible network expansion.

PoE Support: Power over Ethernet (PoE) capability to power devices like IP cameras and wireless access points directly through the Ethernet cables.

Industrial-Grade Design: Built to withstand harsh conditions with a wide operating temperature range and rugged housing.

Advanced Management: Supports Layer 2+ management features, including QoS, VLAN, and IGMP snooping for efficient network management.

This switch is ideal for applications requiring reliable and high-performance network connectivity in challenging environments.

- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z /ab, IEEE802.1Q, IEEE802.1p, IEEE802.1d/w
- Support PoE power management and PoE Watchdog based on data flow detection
- Support IEEE802.3af (15.4W) and IEEE802.3at (30W)
- Support SNMP v1/v2/v3 Simple Network Management Protocol
- Support IGMP Snooping, static multicast filtering, and MLD Snooping filtering
- Support 802.1x port authentication and AAA authentication to enhance network security
- n Support web, Telnet, CLI, SSH management
- IP40 protection level, high-strength shell, DIN35 rail installation
- Industrial grade 4-level design, operating temperature from -40~75°C
- 5 Year Warranty



Specifications

Certificates	NDAA Compliance	Yes
Data transmission	Forwarding rate	17.85 Mpps
	Jumbo frames support	Yes
	MAC address table	8000 entries
	Static route	Yes
	Store-and-forward	Yes
	Switching capacity	24 Gbit/s
Design	Housing material	Metal

Design	LED indicators	PoE, Power, System
	On/off switch	Yes
	Reset button	Yes
	RoHS compliance	Yes
Management features	Switch layer	L2/L2+
	Switch type	Managed
	Web-based management	Yes
Network	Flow control support	Yes
	IP routing	Yes
	Networking standards	IEEE 802.3U, IEEE 802.3ab, IEEE 802.3, IEEE 802.3z, IEEE 802.3x, IEEE 802.3az, IEEE 802.3ad, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1X
	Number of VLANs	256
	Port mirroring	Yes
	VLAN support	Yes
Operational conditions	Operating temperature (T-T)	-40-70 °C
Other features	Material	Metal
	Power LED	Yes
Packaging data	Manual	Yes
	Mounting brackets included	Yes
Performance	Fanless	Yes
	Firmware upgradeable	Yes
	Telnet	Yes
Ports & interfaces	Basic switching RJ-45 Ethernet ports quantity	4
	Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
	Console port	RJ-45
	Gigabit Ethernet (copper) ports quantity	4
	SFP+ module slots quantity	2
Power	Surge protection	Yes
	Surge protection voltage	6 kV
Power over Ethernet (PoE)	Power over Ethernet (PoE)	Yes
	Power over Ethernet (PoE) ports quantity	4
	Power over Ethernet (PoE) power per port	15.4 W
	Power over Ethernet (PoE) type supported	PoE+
Technical details	Warranty period	5 year(s)

Vendor information

Brand Name	Ernitec
Homepage	http://www.ernitec.com
Warranty	5 Year(s)

Other images

