

MPN: ELECTRA-U06-1GB

6-port Gigabit Intelligent Industrial PoE Switch - PoE 120W

The Ernitec 6-port 1000Mbps Intelligent Industrial PoE Switch is designed for high-performance and reliability in industrial settings. Here are some key features:

Gigabit Ethernet Ports: Six 10/100/1000 Mbps PoE ports for fast and efficient data transfer.



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

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

Flexible Network Expansion: Two Gigabit SFP uplink ports for easy network expansion.

This switch is ideal for applications requiring robust and reliable network connectivity in challenging environments.

4 x 1000Mbps PoE RJ45 ports
1 x 1000Mbps uplink RJ45 port
1 x 1000Mbps uplink SFP port

Ports 1-4 support standard PoE power supply and comply with IEEE 802.3af/at international standards.

Port 1 support 90W BT

IEEE802.3 (Ethernet)
IEEE802.3u (Fast Ethernet)
IEEE802.3ab (Gigabit Ethernet)
IEEE802.3z (Gigabit Ethernet Fibre Standards)
IEEE802.3x (Flow Control)

Operates in temperatures ranging from -40°C to 75°C.

Features a 4-pin industrial terminal and DC2.1 input interface, with a wide voltage input of DC48-55V.

Supports VLAN, Genius, and Extend modes.

Suitable for both rail and wall mounting installations.

- 4*1Gbps PoE ports+1*1Gbps uplink RJ45 port+1*1Gbps SFP port
- PoE ports automatically open PoE watchdog mode in Extend mode
- Working Temperature from -40~75°C
- 4PIN industrial terminal+DC2.1 input interface, DC48-55V wide voltage input
- Support VLAN, Genius, and Extend modes
- Support rail and wall mounting installation
- 5 Year Warranty

Specifications

Certificates	NDAA Compliance	Yes
Data transmission	Forwarding rate	8.928 Mpps
	Jumbo frames support	Yes
	MAC address table	2000 entries
	Packet forwarding	Yes
	Store-and-forward	Yes
	Switching capacity	12 Gbit/s
Design	Housing material	Metal
	LED indicators	PoE, Power, System
	On/off switch	Yes
	Reset button	Yes
	RoHS compliance	Yes
Legal Information	Country of Origin	China
	EU ECCN Code	N/A
	Tariff No.	8517620000
	UNSPSC Code	43222612
	US ECCN Code	5A991
Management features	Switch type	Unmanaged
Network	Networking standards	IEEE 802.3U, IEEE 802.3ab, IEEE 802.3, IEEE 802.3az, IEEE 802.1D
	VLAN support	Yes
Operational conditions	Operating temperature (T-T)	-40-70 °C
Other features	Material	Metal
	Power LED	Yes
Package dimensions	Depth (package,cm)	13 cm
	Gross Weight (Package, kg)	0.53 kg
	Height (package,cm)	5.5 cm
	Width (package,cm)	17.5 cm
Packaging data	Manual	Yes
	Mounting brackets included	Yes
Performance	Fanless	Yes
Ports & interfaces	Basic switching RJ-45 Ethernet ports quantity	4
	Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
	Installed SFP modules quantity	1
	SFP module slots quantity	1
	Uplink ports quantity	2
Power	Surge protection	Yes
	Surge protection voltage	4 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
	Total Power over Ethernet (PoE) budget	120 W
Product dimensions	Net Weight (Product, kg)	0.441 kg
	Product Depth	8.7 cm
	Product Height	3 cm
	Product Width	12 cm
Technical details	Warranty period	5 year(s)
Vendor information	Brand Name	Ernitec
	Warranty	5 Year(s)

Other images

