

EPOE-4MB1G

4-Port ePoE Switch



Product Overview

EPOE-4MB1G is a 4-Port ePoE switch, which is able to realize PoE transmission over 800 meters of Ethernet cable at speeds of 10Mbps, or 300 meters at speeds of 100Mbps. The ePoE technology offers a new way to accomplish long distance transmission between IP camera and a network switch. It allows for a more flexible surveillance system design, improves reliability, and saves on construction and wiring cost.

Technical Specification

Model	EPOE-4MB1G
Ethernet Port	1*100/1000 Base-X 1*10/100/1000 Base-T 4*10/100 Base-T(PoE power supply)
PoE Power Consumption	Port1,2,3≤30W, Port4≤60W, Totals96W
PoE Protocol	IEEE802.3af, IEEE802.3at, Hi-PoE
Switching Capacity	6.8Gbps
Packet Forwarding Rate	3.57Mpps
Packet Buffer Memory	1Mb
MAC Table Size	8K
Flow Control	Enable by default
Application Humidity	10%~90%
Power	DC48~57V power adapter
Lightning Protection	Common Mode 4KV Differential Mode 2KV
Working Temperature	-30°C~65°C
Weight	1 Lb
Dimension(W×D×H)	150mm×100mm×30mm

Features

- Supports long distance PoE transmission up to 800m with ePoE technology
- Two-layer industrial PoE switch
- MAC auto study and aging, MAC address list capacity is 8K
- Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE standard
- Industrial wide temperature design

Transmission Performance:

Cable (m)	Bandwidth (Mbps)	PoE Load Capacity (W)	Hi-PoE Load Capacity (W)	Working Mode
100	100	25.5	53	IEEE/E100
200	100	25.5	33	E100
300	100	19	19	E100
400	10	17	17	E10
500	10	13	13	E10
800	10	7	7	E10

ePoE switch supply voltage 48V

CAT5E/CAT6, max. DC resistance < 10Ω/100m

Cable (m)	Bandwidth (Mbps)	PoE Load Capacity (W)	Hi-PoE Load Capacity (W)	Working Mode
100	100	25.5	53	IEEE/E100
200	100	25.5	47	E100
300	100	25.5	32	E100
400	10	23	26	E10
500	10	20	20	E10
800	10	13	13	E10

ePoE switch supply voltage 53V

CAT5E/CAT6, max. DC resistance < 10Ω/100m