

# EPOE-8MB1G

## 8 Port ePoE Switch



### System Overview

This is a 8 port two-layer PoE switch that is built with new ePoE technology that when paired with a ePoE camera you can achieve power and video over Ethernet up to 800m @10mbps and 300m @100mbps. This switch can support IEEE802.3at, IEEE802.3af, and/or Hi-PoE standard depending on which port is being used.

- Supports long distance PoE transmission up to 800m with ePoE technology of Dahua
- Layer-two ePoE 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
- Port indicator light is to display the status of current transmission mode for the port, which includes IEEE, E100 and E10

### Technical Specification

Model	DH-LR2110-8ET-120
Ethernet Port	1*1000 Base-X 1*10/100/1000 Base-T 8*10/100 Base-T(PoE power supply)
PoE Power Consumption	Port1,5≤60W, Port2,3,4,6,7,8≤30W, Totals≤120W
PoE Protocol	IEEE802.3af, IEEE802.3at, Hi-PoE
Switching Capacity	8.8Gbps
Packet Forwarding Rate	4.17Mpps
Packet Buffer Memory	2.75Mb
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	0.59kg
Dimension(WxDxH)	150mm×100mm×42mm

### LED Indicator

Working Mode	LED Indicator
IEEE mode	Normally on
E100	On for 3 seconds, off for 1 second
E10	On for 1 second, off for 1 second

### 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 power 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 power supply voltage 53V  
CAT5E/CAT6, max. DC resistance < 10Ω/100m