

# KX-CSW08-eP

## 8-Port ePoE Switch

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



- Supports long distance PoE transmission up to 800m with ePoE technology
- 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	
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, Total≤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(W×D×H)	150mm×100mm×42mm

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

Accessories	
SFP Module	Description
PFT3950	1.25G 850nm,500m,LC, Multi-mode
PFT3960	1.25G 1310/1550nm,20km,LC, Single-mode
PFT3970	1.25G 1550/1310nm,20km,LC, Single-mode

EoC (Ethernet over Coax)	Description
LR1002	1*10/100 Mbps Base-TX + 1*BNC RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps

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