

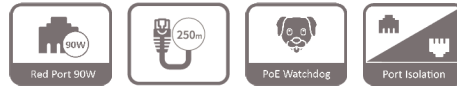
KX-CSW16-PFL2

18-Port Unmanaged Desktop Switch with 16-Port PoE

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



- 16 × RJ-45 10/100 Mbps (PoE) ports, 2 × RJ-45 10/100/1000 Mbps (combo) ports and 2 × SFP 1000 Mbps (combo) ports.
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standards.
- PoE watchdog real-time monitors camera statuses and automatically reboots faulty network cameras.
- Up to 250 m transmission distance.
- Supports VIP ports, prioritizing transmission for port1 to port8.



Specification

Hardware Feature

Included Power Adapter	Yes
PoE	Yes
Ethernet Port	16
Ethernet Port Speed	10/100 Mbps
Ethernet Port Uplink Speed	10/100/1000 Mbps
Optical Port Uplink Speed	1 Gbps
Description of Function Slots	Port 1-16: 16 × RJ-45 10/100 Mbps; Port 17-18: 2 × RJ-45 10/100/1000 Mbps (Combo); Port 17-18: 2 × SFP 1000 Mbps (Combo)
Power Supply	Built-in power supply: 100-240 VAC, 50/60 Hz, 3 A
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	5%–95% (RH), non-condensing
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Storage Humidity	5%–95% (RH), non-condensing
Power Consumption	Idling: ≤6 W ; Full load: 154 W

Performance

Management Type	No
Switching Capacity	7.2 Gbps
Packet Forwarding Rate	5.36 Mpps
Packet Buffer Size	4 Mbit
Jumbo Frame	15K Byte
MAC Table Size	8 K
Communication Standard	IEEE802.3; IEEE802.3u; IEEE802.3x; IEEE802.3ab; IEEE802.3z

Feature

PoE Protocol	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt
PoE Power	Port 1-2 ≤ 90 W, Port 3-16 ≤ 30 W, total ≤ 135 W
PoE Pin Assignment	1,2,4,5 (V+), 3,6,7,8 (V-)
Long Distance PoE Transmission	Yes

General

Statics Protection	Air discharge: 8 kV; Contact discharge: 6 kV
Lighting Protection	Common mode: 4 kV; Differential mode: 2 kV
Net Weight	2.23 kg (4.92 lb)
Gross Weight	2.88 kg (6.35 lb)
Product Dimensions	440 mm × 220 mm × 44 mm (17.32" × 8.66" × 1.73") (L × W × H)
Packaging Dimensions	540 mm × 342 mm × 90 mm (21.26" × 13.46" × 3.54") (L × W × H)
Casing Material	Sheet metal
Installation	Rack mount; Desktop mount

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Transmission Performance:

Switch power supply voltage 53V.
CAT5E/CAT6. Max. DC resistance < 10 Ω/100 m

Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
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IEEE802.3bt 90 W

100	71.3	100
150	62	10
200	51	10
250	40	10

Hi-PoE 60 W

100	53	100
150	50	10
200	47	10
250	37	10

IEEE802.3at 30 W

100	25.5	100
150	25.5	10
200	25.5	10
250	25.5	10

Dimensions (mm[inch])

