8 Port 10/100M Active POE Switch (8+2)

DK100-8FP2F

Overview

The DPTEK PoE switch provides power and data from a single point, using Power over Ethernet (PoE) over a single Cat-5 cable. It can be used for any 10/100Mbps link and supply industry-standard IEEE 802.3af/at power. Advanced auto-sensing algorithm gives power to 802.3af/at end devices, In addition, the PoE switch automatically determines PoE requirements, speed, duplex, and cable type using Auto Uplink. Easy to operate and reliable.

The PoE switch is ideal for powering PoE devices such as IP cameras, WLAN access point, IP phones, office access control systems, and other PD devices and offers a line of high quality products that provide a total solution for Ethernet application in different environments.

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- 8*10/100mbps POE port, 2*10/100mbps UP-Link port
- 100m Transmission Distance, 250m after use extend function
- Compatible with IEEE802.3AF/AT
- Whole Power:120W (52V 2.3A)
- All port supported by MDI/MDIX auto flip and self negotiation
- Supply 8pcs 10/100Mpbs adaptive high speed forwarding data packet non-lost port.
- Add high level lightning protection device, up to 6000V.
- Each port max. power supply reached 30W.
- Low heat design, safe and reliable, high stability

Application: Wireless Access Point IP Camera

Technical specification

Product Name	**8 Port 10/100M Active POE Switch (8+2)**
Product Model	**DK100-8FP2F**
DATA PIN	1/2+,3/6-
Power Supply Type	Build in, 1/2+,3/6-
PoE Output Power	15.4W/30W
Connector	8*10/100mbps POE port, 2*10/100mbps UP-Link port
Network Medium	Cat5 (UTP) or more
Technology	
Network Standards	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet
PoE power	15.4W per port(IEEE802.3af).

	Wiring: Data & power provided over pairs 1/2 and 3/6
Processing types	Store-and-forward Half-duplex back pressure and IEEE 802.3x full-duplex flow control
Address database Table Size	1K MAC address
Buffer memory	48Kb embedded memory per unit
Backboard Bandwidth	2G
Network Latency	Less than 20us for 64 byte frames in store-and-forward mode for 100Mbps to 100Mbps transmission
Power	
Input	52V DC input
PoE power consumption	15.4W/30W per port(IEEE802.af/at)
Overload current protection	Present
Mechanical	
Casing	Metal
Installation	Desktop/Rack mounting
Interface	
LED Indicators	System: Power, PoE Maximum power Per port: Link, Activity, Speed, PoE active, PoE error
Environment specification	
Operating temperature	-10-55℃(32-104℉)
Storage temperature	-40-70℃(14-158℉)
Operating humidity	90% maximum relative humidity, non-condensing
Storage humidity	95% maximum relative humidity, non-condensing
Dimensions	202*140*45mm (L*W*H)
Weight	N.W:0.9Kg G.W:1.1Kg

Packing Contents

Package List	**DK100-8FP2F *1**
	User Guide*1
	Warranty Card*1
	Power cable*1