

## 16 Port Gigabit Active POE Switch (16+2)


### DK100-16FP2G

#### 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.

### DK100-16FP2G



15.4w  
per port

CE

FC

PoE

100M  
1000M

- ◆ 16\*10/100mbps POE port, 2\*10/100/1000mbps UP-Link port
- ◆ 100m Transmission Distance, 250m after use extend function
- ◆ Support the Watchdog function
- ◆ Compatible with IEEE802.3AF/AT
- ◆ Whole Power:250W (52V 4.8A)
- ◆ All port supported by MDI/MDIX auto flip and self negotiation
- ◆ Supply 16pcs 10/100Mbps adaptive high speed forwarding data packet non-lost port.
- ◆ Each port max. power supply reached 30W.
- ◆ Low heat design, safe and reliable, high stability

Application: Wireless Access Point IP Camera  
IP Phone Computer Networks

#### Technical specification

Product Name	<b>16 Port Gigabit Active POE Switch (16+2)</b>	
Product Model	<b>DK100-16FP2G</b>	
DATA PIN	1/2+,3/6-	
Power Supply Type	Build In, 1/2+,3/6-	
PoE Output Power	15.4W/30W	
Connector	16*10/100mbps POE port, 2*/1000mbps UP-Link port	
Network Medium	Cat5 (UTP) or more	
<b>Technology</b>		
Network Standards	IEEE 802.3i 10BASE-T IEEE 802.3x Flow Control	IEEE 802.3u 100BASE-TX IEEE 802.3af/at Power over Ethernet
PoE power	15.4W/30W per port(IEEE802.3af/at).	

	Wiring: Data & power provided over pairs 1/2 and 3/6 or 4/5 (+) and 7/8(-)
Processing types	Store-and-forward Half-duplex back pressure and IEEE 802.3x full-duplex flow control
Address database Table Size	2K MAC address entry
Buffer memory	48Kb embedded memory per unit
Backboard Bandwidth	7.2G
Network Latency	Less than 20us for 64 byte frames in store-and-forward mode for 100Mbps to 100Mbps transmission
<b>Power</b>	
Input	52V DC input
PoE power consumption	15.4W/30W per port(IEEE802.af/at)
Overload current protection	Present
<b>Mechanical</b>	
Casing	Metal
Installation	Desktop/Rack mounting
<b>Interface</b>	
LED Indicators	System: Power, PoE Maximum power Per port: Link, Activity, Speed, PoE active, PoE error
<b>Environment specification</b>	
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	312*185*46mm (L*W*H)
Weight	1.9Kg

## Packing Contents

Package List	<b>DK100-16FP2G *1</b>
	User Guide*1
	Warranty Card*1
	Power cable*1



