

Unmanaged PoE Switch 4*10/100M PoE + 2*100M RJ45 Uplink

DK100-4FP2F-N



Overview

DPTEK DK100-4FP2F-N series PoE switch is designed by DPTEK for meeting the demand of PoE power supply. It adopts the latest high-speed Ethernet switching chip and ultra-high backplane bandwidth design, with extremely fast data processing capability to improve smooth data transmission performance. It has 4 PoE-powered RJ45 ports and 2 RJ45 uplink ports. All of four RJ45 ports support IEEE 802.3af/at standard, with a maximum power supply of 30W for a single port and 78W for the whole machine, which can automatically detect and identify the powered devices that comply with IEEE 802.3af/at standard and supply power for the priority mechanism through the network cable.

With simple and convenient installation and maintenance means and rich service features, it helps users to build a safe and reliable high-performance network. It is mainly positioned at the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and community broadband; it can be widely used in Ethernet access scenarios such as SMEs, Internet cafes, hotels, and schools.

FEATURES

- 4*10/100Mbps PoE ports, 2*10/100Mbps uplink port
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 250m
- All port supported by MDI/MDIX auto flip and self-negotiation
- Built-in power supply
- Maximum power of single PoE port: 30 W
- Whole machine power: 65W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design, suitable for desktop or wall
- Support lightning protection 4kV

Technical specification

Item		Description	
Power	Power Adapter Voltage	AC 110V-240V	
	Consumption	65W	
Network Connector	Network Port	PoE Ethernet Port	1~4 Port : 10/100Mbps
		Ethernet port	Uplink Port : 10/100Mbps
	Transmission Distance		1~4 Port : 100Mbps:0~100m; 10Mbps: 0~250m;
			Uplink Port : 0 ~ 100m
Transmission Medium		Cat5/5e/6 standard network cable	
Network Switch	Network Standard	IEEE802.3/802.3u, IEEE802.3x, IEEE802.ab	
	Switching Capacity	1.2Gbps	
	Packet Buffer Memory	1Mbits	
	Throughput	0.8928Mpps	
	MAC Table	1K	
	Packet Forwarding rate		10Mbps:14880pps/port 100Mbps: 148800pps/port
Power Over Ethernet	PoE Standard	IEEE 802.3af/at	
	PoE Power Supply	12+ ,36 - , 4 core power supply	
	PoE Power	af=15.4W,at=30W for each port	
RJ45 port	Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode	
LED Indicator	LED Indicator	LINK/ACT.100Mbps; PoE Status Indicator; Power indicator;Extender	
Environmental	Working temperature	0°C~55°C	
	Relative Humidity	20~95%	
	Storage temperature	-20°C~70°C	
Mechanical	Dimension (L×W×H)	190mm*125mm*38mm	
	Color	Black	
	Weight	0.80 kg	