![D-Link logo - Building Networks for People]

Product Highlights

- Support power over Ethernet cable device for example wireless AP and IP camera

- Support IEEE802.3af/at standard

- Transmission distance 250m, it can be flexible installation for wireless AP and surveillance project.

- It will give the speed of 10Mbps at 250meter when connect IP cameras

DES-F1018P-E
16FE PoE + 1 gigabit & 1 compo Uplink ,250m PoE Switch

Features

- Support upward port auto MDI/MDIX.
- Adopted storage forward switch system
- Smart power and minimum consumption guarantee PD requirement.
- With power supply circuit protection function and protection back-end device safety
- Automatically provide the adaptive device
- Fanless design, energy saving and environmental protection;
- 16 10/100 Mbps POE port
- 1 gigabit & 1 combo uplink port
- Support saving power function when port connection

DES-F1018P-E is 16 port FE with 1 gigabit & 1 combo uplink ports, auto detection and identification IEEE802.3af/at standard PD device, then carry power to it. Therefore, do not worry it will destroy the private standard PoE or Non-PoE equipment.

DES-F1018P-E is the best choice for mini type commercial network because it economically uses PoE deployment wireless AP and IP camera. It can resolve the problem of maintenance tedious, wireless coverage, terminal device powered, surveillance project, Maximum save the cost.

Technical Specifications	
Network Interface	16 10/100 Mbps PoE RJ45 port (port 1 ~port 16) 1 10/100/1000 Mbps & 1 combo non-PoE RJ45 port (port 17~port 18)
Transmission Rate	10/100 Mbps Each port supports MDI / MDIX auto-flip and auto-
	Network interface:10BASE-T or 100BASE-TX Ethernet RJ-45 port
Protocols and Standards	IEEE802.3i 10BASE-T
	IEEE 802.3u 100BASE-TX
	IEEE 802.3ab 1000BASE-T
	ANSI/IEEE 802.3 NWay auto-negotiation
	IEEE802.3x Flow Control
	IEEE 802.3af/at standard
Performance	Bandwidth: 2 Gbps (no block)
	Network delay (100 to 100M bps): maximum 20 µs (using 64byte packet)
	Frame filtering and transmission rate
	10M: 14,800pps
	100M: 148,800pps
LEDs Indicator	Power
	LINK/ACT, POE
POE Pin	1/2(+) 3/6(-);
Power	Total Power: 150W
Lightning protection	6KV
Physical specifications	·Dimensions (LxWxH): 285 x 180 x 44mm
	·Weight: 1.05kg
Environmental norms	Operating Temperature: 0°C~40°C Storage Temperature: -10°C~70°C
	Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
EMC	CE

Switch Working mode

Using DIP switch control working mode, details description as below:

1. VLAN: Isolating ports 1-16 from each other, restrain network storms effectively and improve network performance.

2. EXTEND: 1-8 port supports 250M meters long distance power supply (recommended cat 5 or above)

3. PoE: Automatic detection power of port, power off and restart the device if find dead machine.

4. QoS: Customize application prioritization and increase network sensitivity. For example, video priority, monitoring transmission more smoothly

Ordering Information	
Part Code	Description
DES-F1018P-E	16 FE PoE 8 + 1 Gigabit & 1 Combo uplink, 250m PoE Switch

D-Link
Building Networks for People