

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-FE

16FE PoE + 2GE +1SFP Uplink, 250Watt 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
- 2 Gigabit uplink & 1 SFP port
- Support saving power function when port connection

DES-F1018P-FE is 16 port FE with 2 Gigabit uplink & 1 SFP 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-FE is the best choice for a mini type commercial network because it economically uses PoE deployment wireless AP and IP camera. It can resolve the problem of tedious maintenance, 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) 2 10/100/1000 Mbps uplink & 1 SFP
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: 9.2 Gbps (no block) Network delay (1000 to 100Mbps): maximum 10 μ s (using 64byte packet) Frame filtering and transmission rate 10M: 14,800pps 100M: 148,800pps 1000M: 148,880pps
LEDs Indicator	Power indicator: Red VLAN Indicator: Green PoE port indicator: Green Flashing (Non-PoE device is connected), Yellow Flashing (LINK/ACT), Red (PoE device is connected no data transfer) Extend Indicator: Yellow
POE Pin	1/2(+) 3/6(-);
Power	Total Power: 250W
Lightning protection	6KV
Physical specifications	Dimensions (LxWxH): 310mm*183mm*45mm Weight: 1.75kg
Environmental norms	Operating Temperature: 0°C~55°C Operating Humidity: 10%~95% non-condensing

Switch Working mode

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

1. OFF: Normal mode, all interfaces can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100Mbps adaptive
2. VLAN: 1-16 Ports isolated from each other, communicating with only 17-18 & SFP Ports
3. Extend: 1-16 Ports PoE power supply and data transmission distance can be extended to 250 meters, transmission speed is 10Mbps, with Isolated each other communicating with only 17-18 & SFP Ports

Ordering Information	
Part Code	Description
DES-F1018P-FE	16FE PoE + 2GE +1SFP Uplink, 250Watt 250m PoE Switch