

## 10/100M 6-Port Long Transmission Distance Non-Standard PoE Switch



Can supply power to wireless AP and IP Camera  
24\*10/100Mbps auto-sensing RJ45 ports, 2\*gigabit combo TP/SFP ports  
Total PoE power: 400W (Port 1 to Port 24)  
Maximum power per port ups to 30W  
Support Auto MDI/ MDIX  
-2kv, common mode + / -4kv)  
IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3z, IEEE802.3ab  
Flow control mode: full duplex adopts IEEE 802.3x standard, and half duplex adopts Back pressure standard  
Adopt store-and-forward architecture. Up to line speed at the frame length range of 64 to 1536  
Built-in 1U rack power supply series, easy to place it into standard mounting brackets  
Fanless design, natural cooling. Mini size.

### Description

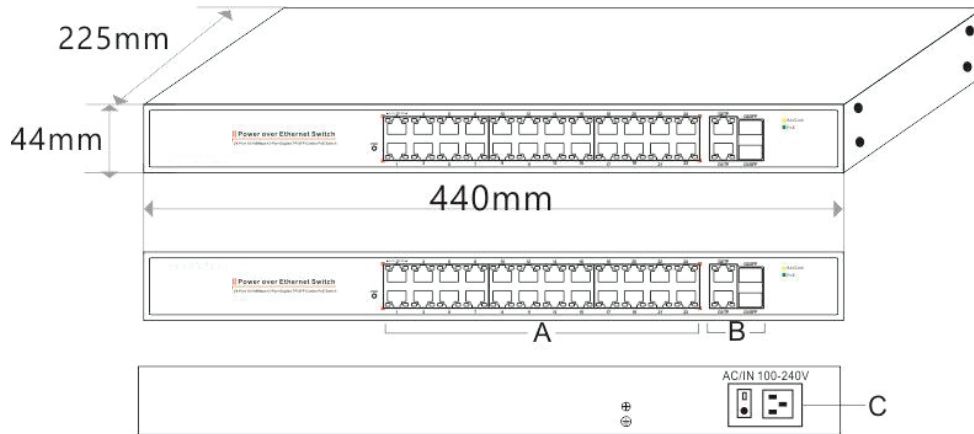
This DISCOVERY-DS24PFA switch provides a network point for power supply and data transmission. All the 24 PoE ports can be connected with 10/100Mbps quickly, and the which 1-24 ports can provide standard IEEE802.3af power supply. Due the advanced self-sensing algorithm supply power for IEEE802.3af terminal unit only, there is no need to worry about damaging proprietary PoE or non-PoE standard equipment. In addition, it will stop power supply when PoE devices are not connected. In short, The DISCOVERY-DS24PFA features simple and reliable design, automatic identification PoE requirements, duplex and high-speed.

This cost-effective DISCOVERY-DS24PFA provide network layout need to simplify wireless access point (AP) and IP-based surveillance cameras network cameras in order to install in commercial network and home network. The devices far away from power socket are very suitable for hanging on the wall or ceiling. PoE eliminates the need for connecting these devices to power socket. So it make more flexible for those difficult to connect with AC power socket, and cut down the installation cost. It is ideal choice for those want to deploy a small commercial network and home network that use wireless access point (AP) and IP-based surveillance cameras

Product Name	PoE Switch with 24 PoE Ports and 2 Gigabit Combo Ports
Product Model	DISCOVERY-DS24PFA
Connector	24x 10/100M copper cable RJ45 ports(all ports support MDI/MDIX)
Transfer Mode	Store-And-Forward
Network Medium	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 and more UTP(≤100 meter)
	Single mode(9/125um) optical transmission, transmission distance: 25km(double optical default, single optical alternative)
Performance Specification	Bandwidth 14.8Gbps (non-blocking) Network Latency (100 to 100M bps): maximum delay less than 20 microseconds Packet buffer memory: 4M Forwarding Rate: 6.55Mpps Address Database Size: 16K MTBF: 100,000 hours
Network Protocols and Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.3af DTE Power via MDI IEEE 802.3af/at
Switch mode definition	System: power supply Every Port: connecting, PoE working status
Power	Maximum PoE power:400 W Max PoE power for each port is 30W. Power input: AC100-240V 50/60Hz; (every country use a custom power plug)
Dimensions	Dimensions: 440*225*44mm
Working Environment	Operating Temperature: -20 ° ~ 55 ° C Storage Temperature: -20 ° ~ 75 ° C Humidity: 10% ~ 90%, non-condensing Storage Humidity: 10% ~ 95%, non-condensing Working Altitude: 3000 m (10,000 ft) Storage Altitude: 3,000 m (10,000 ft)
Radiation	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
Safety	CE Mark ,commercial CE/LVD EN60950
Warranty	1 year warranty (3 year warranty for power adapter)

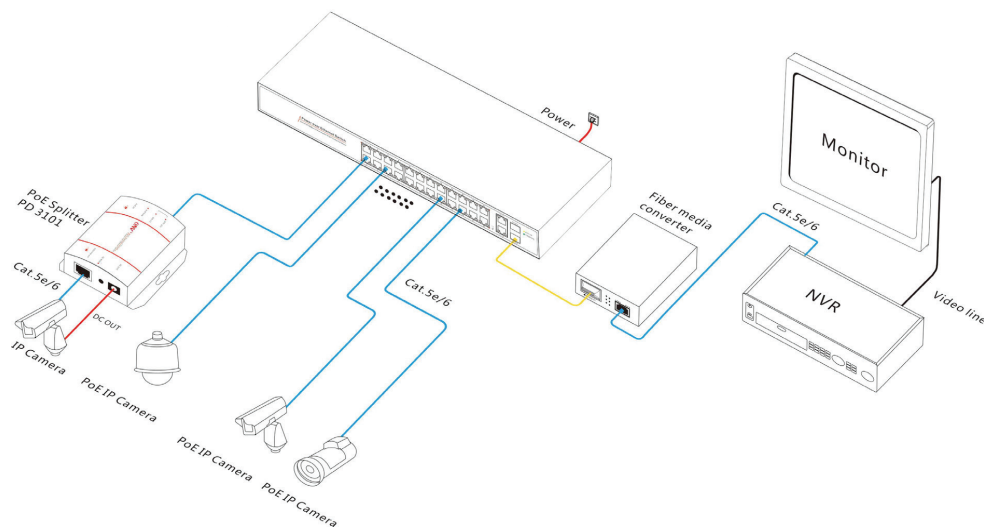
## Long Transmission Distance Standard PoE Switch

### Dimension



A. 24\*PoE Ports    B. 2\*Sets Combo Ports  
C. 100-240VAC, 50/60Hz

### Application



## Long Transmission Distance Standard PoE Switch

### Ordering Information

Product Model: DISCOVERY-DS24PFA

Product Description: 24x 10/100M Ethernet PoE ports + 2x gigabit combo ports PoE switch, and 1-24 ports supports IEEE802.3af/at, Max PoE power for each port is 30W, total power is 400W.

Ordering Notes: Default PoE power supply is end-span(1/2, 3/6 line pair), mid-span(4/5, 7/8line pair) for optional.

### Packing list

<b>PACKING LIST</b>	PoE Switch with 24 PoE Ports and 2 Gigabit Combo Ports (DISCOVERY-DS24PFA)
	Power Cable
	Mounting Kits
	User Guide
	Warranty Card