

DH-PFS3117-16ET-135

16-Port FE PoE+ 1-Port Gigabit Combo PoE Switch



Features

- Compliant IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x standards
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE standards
- Supports normal working mode, port isolation (VLAN) mode, monitoring mode, network extend mode.
- Supports Store-and-Forward
- 16*10/100Mbps ports, 1*Gigabit Combo port, support port auto flipping (Auto MDI / MDIX)
- Port 1-2 support the maximum power of 60W, PoE output total power up to 135W
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- 4K entry MAC address table with auto-learning and auto-aging
- LED indicators for monitoring power, link and activity

Technical Specification

Model		DH-PFS3117-16ET-135
Standards		IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z,IEEE802.3x, IEEE802.3af, IEEE802.3at, Hi-PoE
Interface		16 x 10/100Mbps RJ45 1 x Gigabit Combo (RJ45/SFP)
Transfer Method		Store-and-Forward
Switching Capacity		5.2Gbps
Packet Forwarding Rate		3.87Mpps
Packet Buffer		2.75Mbit
PoE Ports(RJ45)		Port 1/2 : Hi-PoE/PoE+/PoE; Port 1-16 : PoE+/PoE
Power Pin Assignment		1 to 2 port: 1/2/4/5 (+), 3/6/7/8 (-) Other PoE port: 4/5 (+), 7/8 (-)
PoE Budget		135W
Mode	Default mode	All ports can communicate with each other
	Isolation mode	PoE port cannot communicate with each other, but can communicate with the uplink Combo port
	CCTV mode	1 to 8 ports support port priority, optimize port cache, switch all ports can communicate with each other
	Extender mode	1 to 8 port rate down to 10Mbps, the farthest transmission distance of up to 250 meters, all ports can communicate with each other

Indicators	Per Device	Power: Green MAX : Red
	Per Port	Link/Act: Green PoE: Yellow
Power Supply		AC 100V~240V 50/60HZ
Dimensions (W x D x H)		340*200*43 mm (13" metal case)
Environment		Operating Temperature: 0°C ~ 45°C Storage Temperature: -40°C ~ 70°C Operating Humidity: 10%~90% RH No condensation Storage humidity: 5%~90% RH No condensation

Accessories

Model	
PFT3950	1.25G 850nm,500m,LC, Multi-mode
PFT3960	1.25G 1310/1550nm,20km,LC, Single-mode
PFT3970	1.25G 1550/1310nm,20km,LC, Single-mode

Transmission Performance:		
Switch power supply voltage 53V. CAT5E/CAT6. Max. DC resistance < 10 Ω/100 m		
Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
IEEE802.3bt 90 W		
100	71.3	100
150	62	10
200	51	10
250	40	10
Hi-PoE 60 W		
100	53	100
150	50	10
200	47	10
250	37	10
IEEE802.3at 30 W		
100	25.5	100
150	25.5	10
200	25.5	10
250	25.5	10
Note: Data from this table was collected by Dahua test lab and is for reference only . The actual transmission distance may vary due to power consumption of connected devices or the cable type and status.		