OVERVIEW

The DR3108PF is a full gigabit unmanaged PoE switch. It has 8*10/100/1000Base-T PoE ports and 2*1000Base-X uplink SFP ports. Port 1-8 can support IEEE 802.3 af/at PoE standard. Single-port PoE power up to 30W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, IP camera, VoIP phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy efficient network. Unmanaged model, plug and play, no configuration, easy to use.

Features

- Support IEEE 802.3x full-duplex flow control and Backpressure.
- Support non-blocking wire-speed forwarding for smoother transmission.
- Provides Gigabit Ethernet ports and SFP ports uplink for flexible networking and meets the networking requirements of various scenarios.

Intelligent PoE power supply

- Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.
- The PoE port supports the priority mechanism. When the remaining power is insufficient, the power of the high-priority port is given priority to avoid overloading of the device.
- 8*10/100/1000Base-T RJ45 ports support PoE power, meeting the PoE power requirements of security monitoring, teleconferencing systems, wireless coverage and other scenarios.

Stable and reliable, easy to use

● The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.

● Low power consumption, metal shell, excellent heat dissipation to ensure stable operation of the switch.

● Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

TECHNICAL SPECIFICATION

Model	DR3108PF
Interface Characteristics	
Fixed Port	2*1000Base-X uplink SFP ports (Data)
	8*10/100/1000Base-T PoE ports (Data/Power)
Ethernet Port	Port 1-8 support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3, 4, 5 UTP(≤100 meters)
	100BASE-TX: Cat5 or later UTP(≤100 meters)
	1000BASE-T: Cat5e or later UTP(≤100 meters)
Optical Fiber Port	Gigabit optical fiber port, default no include optical module(optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Optical Cable/ Distance	Multi-mode: 850nm/ 0-500m
	Single-mode: 1310nm/ 0-40km, 1550nm/ 0-120km
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX
	IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	20Gbps (Non-blocking)
Forwarding Rate@64byte	14.88Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2k
LED Indicator	Power: PWR (Green), Network: Link (Green), PoE: PoE (Green)
PoE & Power Supply	
PoE Port	Port 1 to 8, IEEE802.3af/at

Power Supply Pin	1/2(+) 3/6(-)
Max Power Per Port	30W, IEEE802.3af/at
Total PWR / Input Voltage	120W/ (AC100-240V)
Power Consumption	Standby <6W, Full load <120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 2.2A
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C, 5%~95% RH Non condensing
Dimension (L*W*H)	195*130*40mm
Net /Gross Weight	<0.9kg / <1.2kg
Installation	Desktop, Wall mounted
Certification & Warranty	
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
Warranty	1 year, lifelong maintenance.

ORDERING INFORMATION

Model	Description	Power Supply
DR3108PF	Unmanaged PoE switch with 8*10/100/1000M PoE ports and 2*1000M SFP ports. Port 1-8 can support IEEE 802.3 af/at PoE standard. Built-in 120W power supply.	52V/120W
Note: The SFP optical module does not included, need to be purchased separately.		

PACKING LIST

CONTENT	QTY	UNIT
10-port full gigabit PoE switch	1	SET
AC Power Line	1	PC
User Guide	1	PC
Warranty Card	1	PC

OPTICAL MODULE

Product	Model	Description	Unit
1.25G Optical Module	2630	SFP optical module, 1.25G, multi-mode dual fiber 850nm, transmission distance: 550m, LC interface, support DDM function, support hot plug and pull.	PC
	2632	SFP optical module, 1.25G, single-mode dual fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	2612-T	SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	2613-R	SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	2612-T-SC	SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, SC interface, support DDM function, support hot plug and pull.	PC
	2613-R-SC	SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, SC interface, support DDM function, support hot plug and pull.	PC
Power Module	2633	1.25G SFP optical module transfers to 10/100/1000M RJ45 port.	PC