

POE Fast Ethernet Switch

Arrowwave PoE-305A

5 port 10/100Mbps with 4 port PoE Switch



Arrowwave PoE-305A is 5 port 10/100M Power over Ethernet switch which consists of 4 PSE/PoE ports. The models compliant to POE+ IEEE 802.3at and 802.3af, it defines new green power saving idea on PSE Port. The device provide one dedicate uplink port and small metal case designed for home user and small area application

Key Product Features

- 4 Ports PSE/ PoE function, compliant with IEEE 802.3af class /class 2 / class 1 and IEEE 802.3at
- Supporting the power up to 30Watt/15.4Watt for each PSE/PoE port
- Providing 5 ports of 10/100Mbps Switching port
- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3af PoE and IEEE 802.3at PoE +
- Supporting the flow control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- All ports support Auto-MDIX function
- Being dedicated 200Mbps Full-duplex bandwidth to the each port
- Broadcast storm control and supporting store & forward operation
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding
- Auto-learning networking configurations
- Built-in 1K MAC learning table, 1.25M bits buffer memory
- Built-in 96K Byte SRAM buffer memory
- Supports packet length up to 1522 (Default) / Maximum 1536 bytes
- Filtering/Forwarding Rate: 100Mbps/148,800pps; 10Mbps/14,880pps
- Supports IGMP V1/ V2 snooping



PoE+ Green power Management Features

- Link up mode: auto detects the level class of Power device, budgets power output for each port.
- Power down mode: auto detect no link/ standby of Power device

Arrowwave PoE-305A Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX/100BaseFX IEEE 802.3af/IEEE802.3at
Features	Number of Ports: 5 10/100Base T with RJ-45 connector w/4 PSE ports with RJ-45 connectors
Data Transfer Rate	Ethernet: 10Mbps/Half-Duplex 20Mbps/Full-Duplex Fast Ethernet: 100Mbps/Half-Duplex 200Mbps/Full-Duplex
Transmission Media	10BaseT Cat. 3,4,5 UTP/STP, upto 100m 100BaseTX Cat. 5 UTP/STP, upto 100m
Led Indicators	Per Port: (TX): Link/Act, PoE Per Unit: Power
Power Requirements	48V~56V DC in UL / TUV / CB Safety
Power Consumption	120 Watt
Dimensions	101x74x23 mm (L x W x H)
Weight	210g
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE