

Gigabit Ethernet PoE Switch

Arrowwave ESW-458

8-port 10/100/1000Mbps POE Switch



Arrowwave ESW-458 series are 8 port 10/100/1000M Power over Ethernet switch which consists of 8 PSE/PoE ports. The models comply with IEEE 802.3af. It defines new green power saving idea on PSE Port. That can solve the limitation of the power outlet location and offer the system relocation easily. The case is designed for home user and small area application.

Key Product Features

- 8 ports 10/100/1000Mbps with 8 PSE ports
- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-T & IEEE 802.3ab 1000Base-T
- Complies with IEEE 802.3x Flow Control
- Complies with IEEE 802.3az Green Ethernet
- Complies with IEEE 802.3af
- Max. 30Watt each PSE/PoE port
- Broadcast storm control
- Auto-learning networking configurations
- 4K MAC table/ 96K bytes buffer memory
- Packet length Max. 1600 bytes
- 9K Jumbo frame
- Smart plug & play



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 ESW-458 Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3af PoE IEEE 802.3at PoE+
Features	Number of Ports: 8 ports 10/100/1000Base T with RJ-45 Connector w/8-port PoE
Data Transfer Rate	Ethernet: 10Mbps/Half-Duplex 20Mbps/Full-Duplex Fast Ethernet: 100Mbps/Half-Duplex 200Mbps/Full-Duplex Gigabit Ethernet: 1000Mbps/Half-Duplex 2000Mbps/Full-Duplex
Transmission Media	10BaseT Cat. 3,4,5 UTP/STP, upto 100m 100BaseTX Cat. 5 UTP/STP, upto 100m 1000BaseT Cat. 5,6 UTP/STP, upto 100m
Led Indicators	Per Port: (TX): Link/Act, Per Unit: Power, PoE function
Power Requirement	48V DC in
Maxium supply PoE per Device	115 Watt
Power Consumption	5 Watt
Dimensions	141x94x30 mm (L x W x H)
Weight	323g
Operating Temperature	0 to 55°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE