

Gigabit PoE Switch

Arrowwave ESW-4092R

9 port 10/100/1000M Switch with 8 port PSE



Arrowwave ESW-4092R series are 9 port Gigabit switch which consists of 8 PSE/PoE ports and one uplink TX. This model is compliant to POE+ IEEE 802.3at and 802.3af, it defines on new green power saving idea Ethernet Switch. The case is designed as small as possible for home user and small area application.

Key Product Features

- Providing 9 ports of 10/100/1000Mbps TX Switching port
- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T
- Complying with 802.3x Flow Control and IEEE 802.3af PoE and IEEE 802.3at
- 8 Ports PSE/ PoE function, compliant with IEEE 802.3af class3 /class 2 / class 1 and IEEE 802.3at
- Complying with IEEE 802.3az Green Ethernet Supporting the power up to Max 30Watt for each PSE/PoE port
- 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 2000Mbps 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 1024 MAC learning table, 96K byte buffer memory
- Filtering/Forwarding Rate: 1000Mbps/1,488,000pps
100Mbps/148,800pps; 10Mbps/14,880pps

Key Product Features (Contd.)

- Supports packet length 1522 bytes/ Maximum 1536bytes
- Jumbo frames: 9K
- 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-4092R Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3af PoE IEEE 802.3at PoE+ (high power)
Features	Number of Ports: 8 X 10/100/1000BaseT with RJ-45 Connector 1 X 1000Base LC with SFP connector (ESW-4092RF) 9 X 10/100/1000BaseT with RJ-45 connector (ESW-4092R) 8 PSE ports with RJ-45 connectors (ESW-4092R / ESW-4092RF)
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): 10/100/1000M Link/Act, 1000M, PoE Per Unit: Power
Power Requirements	48V~56V DC in UL / TUV / CB Safety
Power Consumption	120 Watt
Dimensions	145x115x22 mm (L x W x H)
Weight	506g
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE