

Gigabit Ethernet
L2 Managed Switch with PoE+

Arrowwave SW-4102VF

8-port 10/100/1000M with
2 Gigabit SFP slots



SW-4102VF is high performance and cost efficiency PoE Smart Switch. It comes with 8 dedicated 10/100/1000Mbps copper ports and 2 Gigabit SFP ports. SW-4102VF offers useful PoE management features to control and monitor your PD devices (Wireless AP, IP Phone, IP Camera ...etc.). It also provides a comprehensive set of switch functions that makes you easy to deployment reliability and ensuring performance business networks.

Key Product Features

- Provides 8 Ports of 10/100/1000Mbps TX switching port and 2 Gigabit Fiber SFP Slots
Complies with: IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab, 1000Base-T, IEEE 802.3z 1000Base-SX/LX, 802.3x Flow Control and 802.3az Green Ethernet, IEEE-802.3at / IEEE802.3af
- Supports: Power up to Max 15.4 Watt / 30 Watt for each PSE / PoE Port and Auto-MDIX function
Supports Flow Control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- 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 8K MAC learning table, 4M bit buffer memory
- Filtering/Forwarding Rate: 1000 Mbps / 1488,000 pps
100 Mbps / 148,800 pps; 10 Mbps / 14,880pps
- Supports Packet Length 1522 bytes / Max 1536 bytes and Jumbo frames: 9.6K
- Status LEDs: System Power, Link/Activity and PoE/PSE on line
- PoE Power Budget: 240 Watt max
- Smart Plug & Play



L2 Management Features

- HTTP Web-based Management
- HTTP Firmware Upgrade
- Tag-based VLAN - IEEE 802.1q
- QoS - DSCP (IPv4 / IPv6) and IEEE 802.1p
- Port-based access control - IEEE 802.1x
- Port Aggregation – IEEE 802.3ad
- Port Mirror
- SNMP V1 / V2 / V3
- IGMP v1 / v2 snooping
- Storm Control
- Statistics Overview for all ports
- PoE Power Management
- Restore Factory Default
- Backup/restore configuration
- System IP configuration

Arrowwave SW-4102VF Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3af PoE IEEE 802.3at PoE+
Number of Ports:	8 Port 10/100/1000BaseT RJ-45 w/ 8 Port PoE/ PSE 2 Gigabit SFP Slots 1 Console Port RJ45 (115200/8/N/1)
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, up to 100 m 100BaseTX Cat. 5 UTP/STP, up to 100 m 1000Base T cat 5,6 UTP, up to 100m
LED Indicators	Per Port: (TX): 10/100/1000M Link/Act, PoE Per Unit: Power
PoE Power Budget	240Watt, Max
Power Consumption	10 Watt
Dimensions	263x160x44 mm (L x W x H)
Weight	1.45Kg
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC, CE