

Gigabit Ethernet
L2 Managed Switch with PoE+

Arrowwave SW-8184VF

16-port 10/100/1000Mbps with
2 Gigabit SFP slots



SW-8184VF is a high performance and high efficiency Gigabit Ethernet Switch with PoE+. It comes with 16 ports of 10/ 100/ 1000Mbps RJ-45 and 2 SFP ports. It's fruitful of layer 2 and PoE functions are providing users an easy way of constructing a reliable and stable PoE environment to PoE/ PD devices. SFPs are intentionally offered for fiber uplinks either in linear and ring topology application. Transmission distance is varied by SFP transceiver's specification. SW-8184VF is also equipped with a variety of internal open frame power modules, such as 150/250/430 watts for wide range applications.

Key Product Features

- Complies with: IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE 802.3ab, 1000BASE-T, IEEE 802.3z 1000BASE-SX/LX, IEEE-802.3x Flow Control, IEEE-802.3az Green Ethernet, IEEE-802.3af, IEEE802.3at
- 16 ports 10/100/1000Mbps 2 Gigabit SFP slots
- 16 ports PSE/PoE
- Max. 30Watt each PSE/PoE port
- Broadcast storm control
- Auto-learning networking configurations
- 8K MAC table 4M bit buffer memory
- 9.6K Jumbo frame
- LED Indicators: System Power, Link/Activity and PoE/PSE



L2+ Management Features

- HTTP Web-based Management
- HTTP Firmware Upgrade
- Tag-base VLAN - IEEE 802.1q
- QoS - DSCP (IPv4) 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
- Ping Function
- Restore Factory Default
- Backup/restore configuration
- System IP configuration
- RSTP/STP

Arrowwave SW-8184VF Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base-SX/LX IEEE 802.3af PoE IEEE 802.3at PoE+
Number of Ports	16-port 10/100/1000BASE T RJ-45 w/16 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
Internal Power Module	150/ 250/ 430-watt, Optional
Power Consumption	20Watt, System
Dimensions	440x220x44 mm or 440x326x44mm with 430-watt, (L x W x H)
Weight	3.5Kg / 4.3Kg / 5.3Kg
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC, CE