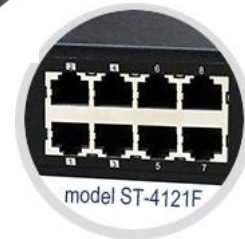


Gigabit PoE++ Switch

ST-8122F (520watt)

12-port 10/ 100/1000Mbps w/8 port 60Watt Fiber Switch



BlueWave ST-8122F series is a 12 port 10/ 100/1000Mbps switch, support 10 port RJ45 and 2 port Gigabit SFP. It consists 8 PSE port, is fruitful layer 2 switching and PoE++ features are providing users to construct reliable and stable PoE connections to remote PoE/ PD devices such as IP Cameras, IP Phones or Wireless APs. It compliant 802.3at and delivery up to Max. 60watt Power output via 12.5K handshake. Gigabit SFP/ RJ-45 ports are for uplink and/ or transmission distance extension by SFP transceivers. The optional model ST-4121F is 4 port 60watt PoE++, 250watt power supply.

Product Features

- 10-port 10/ 100/1000Mbps RJ-45s and 2 Gigabit SFP
- Complied with IEEE 802.3 10Base-T
- Complied with IEEE 802.3u 100Base-TX
- Complied with IEEE 802.3ab 1000Base-T
- Complied with IEEE 802.3z 1000Base-SX/LX
- Complied with 802.3x Flow Control
- Complied with 802.3az Green Ethernet
- 8 Ports PSE/ PoE++
- Complied with IEEE 802.3at
- IEEE802.3af Interoperability 12.5K detection resistance required for full power
- Backward compatible with IEEE 802.3af
- POE power Max. 60Watt per PoE/ PSE port
- Broadcast storm control
- Auto-learning networking configurations
- Built-in 8K MAC learning table, 4.1M bits buffer memory
- Jumbo frames: 10KBytes
- OCP,OVP and OTP protection
- Status LEDs: System Power, Link/Activity and PoE/PSE
- Optional ESD and surge protection
- Operating Temperature: 0°C ~ 40°C
- Storing Temperature: -20°C ~ 90°C
- Humidity: 10% ~90% RH (Non-condensing)
- Dimension: 440mm*220mm*44mm (L x W x H)
- AC power in: AC 100 ~ 240V 50/60Hz
- DC PoE Power output: 4 pairs for full power, Pins 3,6,4,5 (+) 1,2,7,8 (-)
- Unit Power Consumptions 10Watt
- Max. total PoE Power 500watt (ST-4121F: 240watt)
- Power Supply 520Watt (ST-4121F:250watt)
- Weight: 5.5Kg
- Safety & EMI Certificates: CE & FCC

Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-SX/ LX IEEE802.3at PoE+ and backward compatible with IEEE 802.3af
Features	Number of Ports: 10-port 10/ 100/1000BaseT RJ-45 w/ 8-port PoE/ PSE 2 Gigabit Ethernet SFP
Data Transfer Rate	Ethernet: 10Mbps/Half-Duplex 20Mbps/Full-Duplex Fast Ethernet: 100Mbps/Half-Duplex 200Mbps/Full-Duplex Gigabit : 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 1000Base SX/ LX Fiber optics
Led Indicators	Per Port: (TX): 10/ 100/ 1000M Link/Act, PoE Per Unit: Power
Maximum Supply PoE per Device	500Watt
Power Consumption	10Watt
Dimensions	440mm*220mm*44mm (L x W x H)
Weight	5.5Kg
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE