

## 24 port 10/100/1000Mbps PSE with 2 port Gigabit SFP Switch



Rack Ears Included

VS-SW-100 is 26-port 10/100/1000Mbps Power over Ethernet switch, which consists of 24 PSE/PoE ports with an additional 2 SFP uplink port. The VS-SW-100 has been designed specifically for use with IP Cameras, Encoders and Decoders. It is compliant with PoE IEEE 802.3af/802.3at. Each of the 24 PSE/PoE Ports can concurrently supply up to 30 Watts of Power per Port (PoE+). This avoids the use of Multiple Power Supplies and makes System Installation a snap. Supporting 24 PTZ IP Cameras from One Power Outlet makes this an Efficient and Environmentally Friendly Solution.

- FEATURES**
- Complies with IEEE 802.3 10Base-T / IEEE 802.3u 100Base-TX / IEEE 802.3ab 1000Base-T
  - Complies with IEEE 802.3x Flow control
  - Complies with IEEE-802.3af/at
  - Supporting the power up 30Watt for each PSE/PoE port
  - Providing 24 10/100/1000Mbps switching ports and 2\* Gigabit SFP ports
  - 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 8K MAC learning table, 1.25M bits buffer memory
  - Support packet length up to 1536Bytes
  - Filtering/Forwarding Rate: 1000Mbps/1,488,000pps; 100Mbps/148,800pps; 10Mbps/14,880pps
  - Status LEDs: System Power, Link/Activity, and PoE/PSE on line
  - Transmission Media: 10Base-T Cat.3, 4, 5 UTP/STP; 100Base-TX Cat.5, 5e UTP/STP; 1000BASE-T Cat.5e, 6 UTP/STP
  - Internal Power supply: AC input (100-240V/AC, 50/60Hz) UL Safety
  - Switch Power Consumption: 20Watt (Less PoE)

### VS-SW-100 Advanced PoE Management and Measurement



This shows Port 16 drawing 14 Watts



P800 - PoE Budget



L770 - PoE Available  
(Example 770 Watts Left)

By pressing the "Select" Button you can scroll through the PoE Power Consumption of each Port as well as see the PoE Budget (P) and the PoE Available Power (L)

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SPECIFICATIONS

<b>Standards</b>	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX IEEE 802.1x / IEEE 802.3af/at
<b>Features</b>	Number of Ports: 2410/100/1000Base-T with RJ-45 Connector 24 PSE ports with RJ-45 Connector 2 Gigabit SFP slot
<b>Data Transfer Rate</b>	<b>Ethernet:</b> 10Mbps/Half-Duplex 20Mbps/Full-Duplex <b>Fast Ethernet:</b> 100Mbps/Half-Duplex 200Mbps/Full-Duplex <b>Gigabit Ethernet:</b> 2000Mbps/Full-Duplex
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m 100BaseTX Cat. 5, 5e UTP/STP, up to 100 m 1000BaseT Cat. 5e, 6 UTP, up to 100m
<b>LED Indicators</b>	<b>Per Port:</b> <b>(TX):</b> Link/Act, PoE Consumption <b>Per Unit:</b> Power Used /Available
<b>Power Requirement</b>	AC input (100-240V/AC, 50/60Hz), UL Safety
<b>Power supply</b>	960Watt (PoE Budget 800W)
<b>Dimensions</b>	443 x 326 x 44 mm ( L x W x H )
<b>Weight</b>	5.5 kg
<b>Operating Temperature</b>	0 to 40°
<b>Storage Temperature</b>	-20 to 90°C
<b>Humidity</b>	10 to 90% RH, Non-condensing
<b>Certifications</b>	FCC, CE