

IGS-1816W (250)

16 port 10/100/1000M PoE and 2 SFP L2 management Switch



Introduction

IGS-1816W (250) series is a high performance and high efficiency Gigabit Ethernet PoE Switch. 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. Four SFPs are intentionally offered for fiber uplinks either in linear and ring topology application. Transmission distance is varied by SFP transceiver's specification.

Product Features

- 16ports 10/100/1000Mbps 2 SFP with 16 PSE ports
- Complies with IEEE802.3 10Base-T
- Complies with IEEE802.3u 100Base-TX
- Complies with IEEE 802.3ab 1000Base-T
- Complies with IEEE 802.3z 1000Base-SX/LX
- Complies with IEEE-802.3x Flow Control
- Complies with IEEE-802.3az Green Ethernet
- Complies with IEEE-802.3af
- Complies with IEEE-802.3at
- Max. 30Watt each PSE/PoE port
- Broadcast storm control
- Auto-learning networking configurations
- 8K MAC table 4M bit buffer memory
- Back Plane: 32G
- 9.6K Jumbo frame
- LED indicators: System Power, Link/Activity and PoE/PSE
- Operating Temperature: 0 ~ 40°C
- Storing Temperature: -20~ 90°C
- Humidity: 10% ~90% RH (Non-condensing)
- Dimension (L x W x H): 440 x 220 x 44 mm (1U high)
- Power Consumption : 20Watt
- Maximum Supply PoE Power per device: 250Watt
- Weight: 3.5Kg
- Safety & EMI Certificates: CE & FCC
- Smart plug & play

L2 Management Features

- HTTP Web-based Management
- HTTP Firmware Upgrade
- Tag-base VLAN - IEEE 802.1q
- QoS - DSCP (IPv4/IPv6) and IEEE 802.1p
- Port-based access control - IEEE802.1x
- Port Aggregation – IEEE802.3ad
- Spanning Tree Protocol – IEEE 802.1d
- Multiple Spanning Tree –IEEE 802.1s
- Rapid Spanning Tree – IEEE 802.1w
- Port Mirror
- MIBs, Telnet, SSH
- SNMP V1 &V2 & V3
- Web-based Configuration
- Firmware upgradeable
- IGMP v2/v3 snooping
- Storm Control
- Statistics Overview for all ports
- Ping function
- Restore Factory Default
- Backup/restore configuration
- System IP configuration
- RMON , IP/MAC ACL
- Set time with SNTP Server
- Port Based web status
- Port Based Web Statistics
- Console Port
- Web-based Configuration-SSL
- Password Access control – 15Level

Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE802.3ab 1000BaseT IEEE 802.3z 1000Base-SX/LX IEEE802.3af PoE IEEE802.3at PoE+
Features	Number of Ports: 16 10/100/1000BaseT with RJ-45 Connector with 2 port SFP, 1 port RJ45 (console 1152008 N1) 16 PSE ports with RJ-45 connectors
Data Transfer Rate	Ethernet: 10Mbps/Half-Duplex, 20Mbps/Full-Duplex Fast Ethernet: 100Mbps/Half-Duplex, 200Mbps/Full-Duplex Gigabit: 1000Mbps/Half-Duplex, 2000Mbps/Full-Duplex
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m 100BaseTX Cat. 5, 5e UTP/STP, up to 100 m 1000Base T cat 5e, 6 UTP, up to 100m
Led Indicators	Per Port (TX): 10/100/1000M Link/Act, PoE Per Unit: Power
Maximum Supply PoE per Device	250 Watt (as table 1)
Power Consumption	20Watt
Dimensions	440x220x44 mm (L x W x H)
Weight	3.5Kg
Operating Temperature	0 to 40°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A , CE