

TS-PSE1816GSR-250W

16-Port 10/100Mbps+2 Gigabit TP+1 Gigabit SFP not combo PoE Switch

IEEE802.3af/at , Mode-A

Product Overview

Modern business networks are used for increasingly diverse applications – traditional data streams, VoIP voice traffic, video output from digital security cameras and remote control devices to name a few. The range of devices attached to today's converged network often need to be supported not just in terms of data – equipment such as VoIP IP telephones and Wireless Access Points frequently need to be powered in physical locations where mains power is not available or difficult to deliver. Providing power to such devices via an Ethernet UTP cable is an elegant and easy to implement solution.

PoE technology conveniently eliminates the need to install networked devices, such as TS-PSE1816GSR-250W IP cameras and access points, near a power outlet, thereby reducing equipment and installation costs.

Compatible to IEEE802.3af/at. It can power both existing 10/100Base-T network devices Wi-MAX and wireless IEEE 802.11n access points.

High Performance Wire-Speed Switching

The TS-PSE1816GSR-250W offers 16 10/100Mbps Fast Ethernet ports and 2 Gigabit TP+1 Gigabit SFP not combo ports. The Gigabit TP/SFP ports can be either 1000Base-T for 10/100/1000Mbps or 1000Base-SX/LX through SFP (Small Factor Pluggable) interface. TS-PSE1816GSR-250W boasts a high performance switch architecture that is capable of providing non-blocking switch fabric and wire-speed throughput as high as 8.8Gbps. Its two built-in GE uplink ports also offer incredible extensibility, flexibility and connectivity to the Core switch or Servers.

Features

- Up to 30W of Power on
- Extender 250M 1-8 port
- IEEE 802.3af/at
- Compatible With All IEEE 802.3af/at or Legacy

- Safe: Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Supports 10/100 Base-T applications
- Compact Design Fits Easily in WLAN Access
- Plug-and-Play no configuration required
- Internal power supply
- Easy installation and maintenance
- Save up to 83% power with Green Technology
- complies to IEEE 802.3af PoE standard and is backward

| Hardware Specification | |
|--------------------------------|---|
| 10/100Mbps Copper Ports | 16 10/ 100Base-TX RJ-45 Auto-MDI/MDI-X ports |
| 1000Mbps Copper Ports | 2 10/100/1000Mbps RJ-45 Auto-MDI/MDI-X ports |
| SFP/mini-GBIC Slots | 1 1000Base-SX/LX port |
| Switch Architecture | Store-and-Forward |
| Switch Fabric | 7.2Gbps / non-blocking |
| Switch Throughput | 5.36Mpps @64Bytes |
| Address Table | 8K entries |
| Share Data Buffer | 512Kbytes |
| Maximum Frame Size | 9K Bytes |
| Flow Control | Back pressure for Half-Duplex IEEE 802.3x Pause Frame for Full-Duplex |
| LED | Power (yellow) 10/100 LINK / ACT (Green) 1000 ACT(Green);1000 LINK(yellow) |
| Reset Button | < 5 sec: System reboot > 5 sec: Factory Default |
| Dimension (W x D x H) | 295 x 165 x 44 mm, 1U height |

| | |
|----------------------------------|---|
| Weight | 2kg |
| Power Requirement | 100~160V AC, 50-60 Hz |
| Power Consumption | 250 Watts maximum /510 BTU/hr maximum |
| Power over Ethernet | |
| PoE Standard | IEEE 802.3af/at Power over Ethernet / PSE |
| PoE Power Supply Type | End-Span |
| PoE Power Output | Per Port 52V DC, 350mA~600ma . Max. 30 Watts |
| Power Pin Assignment | 1/2(+), 3/6(-) |
| PoE Power Budget | 230 Watts |
| Max. number of Class 3 PD | 15 |
| Standards Conformance | |
| Standards Compliance | IEEE802.3:10Base-T IEEE802.3u: 100BaseTX IEEE802.3z:1000Base-SX/LX IEEE802.3ab:1000Base-T |
| Environmental | |
| Operating | Temperature: 0 ~ 50 Degree C Relative Humidity: 20 ~ 95% |
| Storage | Temperature: -10 ~ 70 Degree C Relative Humidity: 20 ~ 95% (non-condensing) |

