

TS-PSE1816GSR

16-Port 10/100Mbps+2 Gigabit TP+1 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 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 offers 16 10/100Mbps Fast Ethernet ports and 2 Gigabit TP+1 SFP not combo ports. can be either 1000Base-T for 10/100/1000Mbps or 1000Base-SX/LX through SFP (Small Factor Pluggable) interface. TS-PSE1816GSR 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 1-16 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	2 1000Base-SX/LX, shared with Port-17~Port-18
Switch Architecture	Store-and-Forward
Switch Fabric	12.8Gbps / 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)	293 x 165 x 44 mm, 1U height
Weight	2kg
Power Requirement	100~160V AC, 50-60 Hz
Power Consumption	150 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	135 Watts
Max. number of Class 3 PD	9
Standards Conformance	
Standards Compliance	IEEE802.3:10Base-T IEEE802.3u: 100BaseTX IEEE802.3z:1000Base-SX/LX
Environmental	
Operating	Temperature: 0 ~ 50 Degree C Relative Humidity: 20 ~ 95%
Storage	Temperature: -10 ~ 70 Degree C Relative Humidity: 20 ~ 95% (non-condensing)

