TS-PSE1008GSR

8Port 100/1000Mbps/8 Port PoE +2 Gigabit TP/SFP not Combo Ports 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.

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-PSE1008GSR offers 8 10/100Mbps Fast Ethernet ports and 2 Gigabit TP/SFP ports. The two Gigabit TP ports can be either 1000Base-T for 10/100/1000Mbps o interface. TS-PSE1008GSR boasts a high performance switch architecture that is capable of providing non-blocking switch fabric and wire-speed throughput as high as 5.6Gbps. Its two built-in GbE uplink ports also offer incredible extensibility, flexibility and connectivity to the Core switch or Servers.

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Features

- Up to 30W of Power on
- 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	
100/1000Mbps Copper Ports	8* 100/ 1000Base-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-9~Port-10

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Switch Architecture	Store-and-Forward
Switch Fabric	24 Gbps / non-blocking
Switch Throughput	4.17Mpps @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 ）;POE(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)	250 x 150 x 44 mm, 1U height
Weight	1.6 kg
Power Requirement	100~240V 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	130 Watts
Max. number of Class 3 PD	8

Standards Conformance

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Standards Compliance	IEEE802.3:10Base-T
	IEEE802.3u:
	100BaseTX
	IEEE802.3z:1000Base-SX/LX

Environemmental	
Operating	Temperature: 0 ~ 50 Degree C Relative Humidity: 20 ~ 95%
Storage	Temperature: -10 ~ 70 Degree C Relative Humidity: 20 ~ 95% (non-condensing)