

TS-PSE3224S

24-Port Gigabit PoE+ Switch +2 Gigabit SFP

IEEE802.3af , 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.

The 24 Port 10/100/1000Mbps PoE+ Switch offers advance switching controls and provides power to network devices using Ethernet cables. This scalable and cost effective solution allows a managed network to efficiently expand to previously unattainable levels.

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-PSE3224S offers 24 10/100/1000Mbps RJ45 ports and 2 Gigabit SFP ports. The two Gigabit SFP ports can be for 1000Base-SX/LX through SFP (Small Factor Pluggable) interface. TS-PSE3224S boasts a high performance switch architecture that is capable of providing non-blocking switch fabric and wire-speed throughput as high as 48Gbps. Its two built-in GbE uplink ports also offer incredible extensibility, flexibility and connectivity to the Core switch or Servers.



Features

- Up to 30W of Power on
- IEEE 802.3af /at
- Compatible With All IEEE 802.3af/at
- 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 10/100/1000 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

Copper Ports	24 10/ 100/1000Base-T RJ-45 Auto-MDI/MDI-X ports with IEEE 802.3af/at PoE
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SFP/mini-GBIC Slots	2 1000Base-SX/LX/BX SFP interfaces
Switch Architecture	Store-and-Forward
Switch Fabric	52Gbps / non-blocking
Switch Throughput	38.688Mpps@64 bytes
Address Table	8K entries
Share Data Buffer	4Mbytes
Flow Control	Back pressure for Half-Duplex IEEE 802.3x Pause Frame for Full-Duplex
LED	System: Power ,PoE In-Use (yellow) 10/100 LINK / ACT(Green), 1000 LINK (yellow)
Dimension (W x D x H)	440 x 220 x 44 mm, 1U height
Weight	4 kg
Power Requirement	100~240V AC, 50-60 Hz
Power Consumption	350 Watts maximum /1194 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, af:350mA . Max. 15.4 Watts at:720mA.Max.36W
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	320Watts
PoE Ability	Number of PD @13W watts:24 Number of PD @20 watts:16

Standards Conformance	
Standards Compliance	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Base-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab Gigabit 1000Base-T IEEE 802.3af Power over Ethernet
Environmental	
Operating	Temperature: 0 ~ 50 Degree C Relative Humidity: 20 ~ 95%
Storage	Temperature: -10 ~ 70 Degree C Relative Humidity: 20 ~ 95% (non-condensing)