Techroutes
N E T W O R K

TR-US1504-P

Gigabit Intelligent POE Switch

TR-US1504-P is a 6-port Gigabit POE switch. It has 4 working modes, VLAN mode, CCTV video monitoring mode, power mode, QOS mode. All ports are free to communicate by default; In VLAN mode, 1 -4 ports are isolated from each other, which can effectively restrain network storms and improve network performance. In Extend mode, the effective transmission distance of 1-4 ports can reach 250 meters, which is suitable for remote monitoring and power supply. In the power supply mode, the switch automatically detects the working status of the PD device and finds that the device abnormal automatically restarts the device. In QOS mode: the video data will be processed preferentially when the device is congested to make the video smoother

The device supports IEEE 802 af/at standard, which can automatically detect and identify the PDs that comply with the IEEE 802 af/at standard and provide power for them, so there is no need to worry about PoE or non-PoE devices that can damage private standards.

Key Features

➢ **Extend**: 1-4 port supports 250M meters long distance power supply (recommended cat 5 or above)
➢ **VLAN**: Isolating ports 1-4 from each other, restrain network storms effectively and improve network performance
➢ **QOS:** Prioritize the identified video data to make video transmission smoother
➢ **PoE**: Automatic detection power of port, power off and restart the device if find dead machine
➢ Supports IEEE 802.3af/at standard, automatically detects and identifies devices that comply with the IEEE 802.3af/at standard and supply power to it
➢ Support Auto MDI/MDIX;
➢ Adopt store-and-forward exchange method
➢ Intelligent power supply, the lowest power consumption, ensure PD power needs
➢ With power circuit protection, protect the safety of PD
➢ No configuration characteristics of the power supply is automatically supplied to the adaptive equipment;
➢ Fanless design, energy saving and environmental protection; no noise, reduce the impact on the

environment
- Compact size design
- Support port without link power saving function
- All ports have wire-speed forwarding capability
- Plug and play, easy to use

Technical Specification:

Network Port	4 10/100/1000Mbps PoE RJ45 port (port 1～port 4)
	2 10/100/1000Mbps non-POE RJ45 port(port 5~port 6)
Transfer Rate	1000Mbps full Duplex,
Network protocol and standard	IEEE802.3i, IEEE802.3u, IEEE802.3x, IEEE802.3ab,IEEE802.3af IEEE802.3at
Performance	Bandwidth: 12Gbps(no block)
	Frame filtering and transmission rate:
	10M port maximum 14,800pps
	100M port maximum 148,800pps
	1000M port maximum 1，488000pps
LED indicator	Power
	RESV
	LINK/ACT
POE Pin	1/2/4/5(+)，3/6/7/8(-)
Power	Max. output power single port: 30W
	Max Power supply: 60W
Dimensions	Size (LxWxH): 125mm*75mm*27mm
	Weight: 0.5kg
Environment	Operating Temperature: 0°~40°C
	Operating Humidity:: 10%~90%, Non-condensing
safety regulations	CE/ROHS/FCC

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