



48GE+2SFP Ethernet Switch

TEG1050F

SKU: 129699 UPC: 885397000000

Developed by Tenda, TEG1050F is a Gigabit unmanaged Ethernet switch designed for establishing wired networks of high density and high speed in such scenarios as enterprises, parks, schools, and internet cafes, providing a simple, easy, cost-effective, and rapid internet access solution for video surveillance and SMBs' networking. With 48 10/100/1000 Mbps RJ45 ports, and 2 independent Gigabit SFP slots that can be paired with Tenda's SFP modules, this switch can be used to deploy a long-distance network up to 20 km. Its full-duplex transmission rate can reach 2000 Mbps, ensuring the timely transmission of large files and smoothness of videos. Its one-key VLAN function can isolate broadcast storms. Its integrated professional lightning protection circuit offers 6 kV lightning protection for the built-in power supply and all Ethernet ports, ensuring the stability and reliability of the switch. The switch supports desktop mounting, rack mounting and wall mounting, and features a 1U 19-inch standard rack-mount shell design and plug & play function. With these advantages, it is an ideal choice for deploying a cost-effective and high-speed network.

No need for cascading with sufficient ports

Feature wire-speed forwarding for efficient communication

It provides 48 10/100/1000M auto-negotiation RJ45 ports and 2 1000M independent SFP slots, its full-duplex transmission rate can reach 2000 Mbps.

Compared with the traditional connection method of cascading two 24-port Gigabit switches, its high-density ports can easily solve the problems of large space occupation and high failure rate encountered in the project.

When multi ports synchronous forwarding, it can avoid network congestion caused by the uplink bandwidth bottleneck of two 24-port Gigabit cascading. All ports realize the wire-speed forwarding, and easily compatible with all office scenarios.

Features

- High-density Gigabit Ports
- Gigabit SFP Uplink Slots
- 12 Mb Large Buffer
- Dual 6 kV Lightning Protection
- One-key VLAN
- Ease of Use

Hardware Network standards IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z LED Indicator 1* Power, 50* Link/Act, 1* VLAN Interfaces 48* 10/100/1000 Base-T Ethernet ports (Auto MDI/MDIX) 2* 1000 Base-X SFP ports (Independent) Transmission media: Recommended: CAT5/5e UTP or better Fan quantity : N/A Dimension: 440.0mmx240.0mmx44.0mm Material: Metal Level of protection Lightning protection for uplink ports: 6KV Lightning protection for power: 6KV ESD: Air discharge: ± 10 kV Contact discharge: ± 8 kV Forwarding mode: Store-and-forward Switch capacity: 100Gbps Packet forwarding rate: 74.4Mpps Buffer: 12Mb MAC address table: 16K Jumbo frame: 12K Power Input: 100 - 240V AC 50/60Hz Output: 12V 4A Power consumption Max: <48W Mounting Desktop mounting: support Wall mounting: support Rack mounting : support Environment Operating temperature: 0°C - 45°C Storage temperature: -40°C - 70°C Operating humidity: (10% - 90%) RH, non-condensing Storage humidity: (5% - 90%) RH, non-condensing Certification CE, FCC, RoHS Software Protocols CDMA/CD MAC address learning Auto-Learning and Auto-Aging Functions One-key VLAN (In this mode, ports 1 to 46 cannot communicate with each other, but can communicate with ports 47 to 50.)

