Tenda

All for better networking.

TEF1026F

24-Port 10/100M Unmanaged
Switch with 2 GE Ports and 2 SFP Slots

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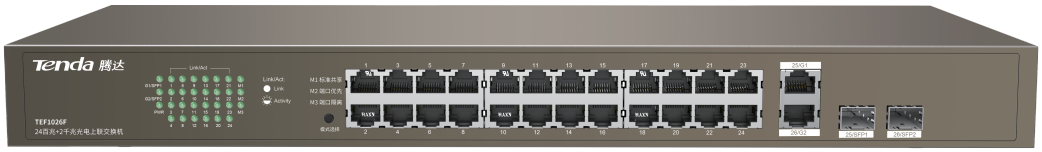
Link More

- 24 10/100Mbps + 2*10/100/1000Mbps RJ45 ports
- 2 1000M SFP Slots（Combo）
- Desktop and wall-mount



TEF1026F

24-Port 10/100M Unmanaged Switch with 2 GE Ports and 2 SFP Slots

Products Description

Tenda TEF1026F is a high-performance, easily maintainable gigabit switch with 2 GE uplink ports and 2 SFP uplink slots specially designed for small and medium-sized monitoring projects and enterprises that require common downlink rates, high-speed uplinks and long-distance networking. It offers 24 10/100Mbps RJ45 ports to serves as many as 24 Ethernet devices such as computers, IP cameras, small servers, 2 10/100/1000Mbps RJ45 ports to connect to routers or NVRs for addressing bandwidth bottleneck in cascade connection, 2 1000Mbps SFP combo ports used to connect Tenda optical modules for up to 20-kilometer transmission. The plug-and-play 1U switch is compatible with standard 19 inch racks, supports desktop mounting and rack mounting, and allows users to change its work mode at the press of a button, making it the perfect choice for easy network performance improvement.(SMBs, hotels, Video Surveillance)

Key Feature

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab
- Store & forward, share memory, non-blocking architecture
- Supports MAC address self-learning and auto MDI/MDIX
- Provide 24 10/100Mbps+2 10/100/1000Mbps auto-negotiation ports
- Provide 2 1000Mbps SFP Slots (Combo)
- Supports full-deplux 802.3x flow control and half-duplux backpressure
- flow control
- Supports 4K MAC address list, MAC address learning and auto-ageing
- Supports Uplink ports Inductive Lightning Protection up to 6KV
- Supports power supply Inductive Lightning Protection up to 6KV
- Supports loop detection and prevention
- Supports 3 modes for different networks
- Fanless design
- Desktop and wall-mount Design

Product Features

Stable connection for 7*24

All ports support line-speed forwarding , and built-in 4Mb SRAM for packet buffer (twice than similar normal switch) ensure the smoothly and timely transfer of large files and stable streaming video. Stay connected for 7*24.

3 modes for different networks

M1: Standard mode, the default mode of the switch. In that mode, all ports can communicate with each other, but the switch could not be managed through web UI.

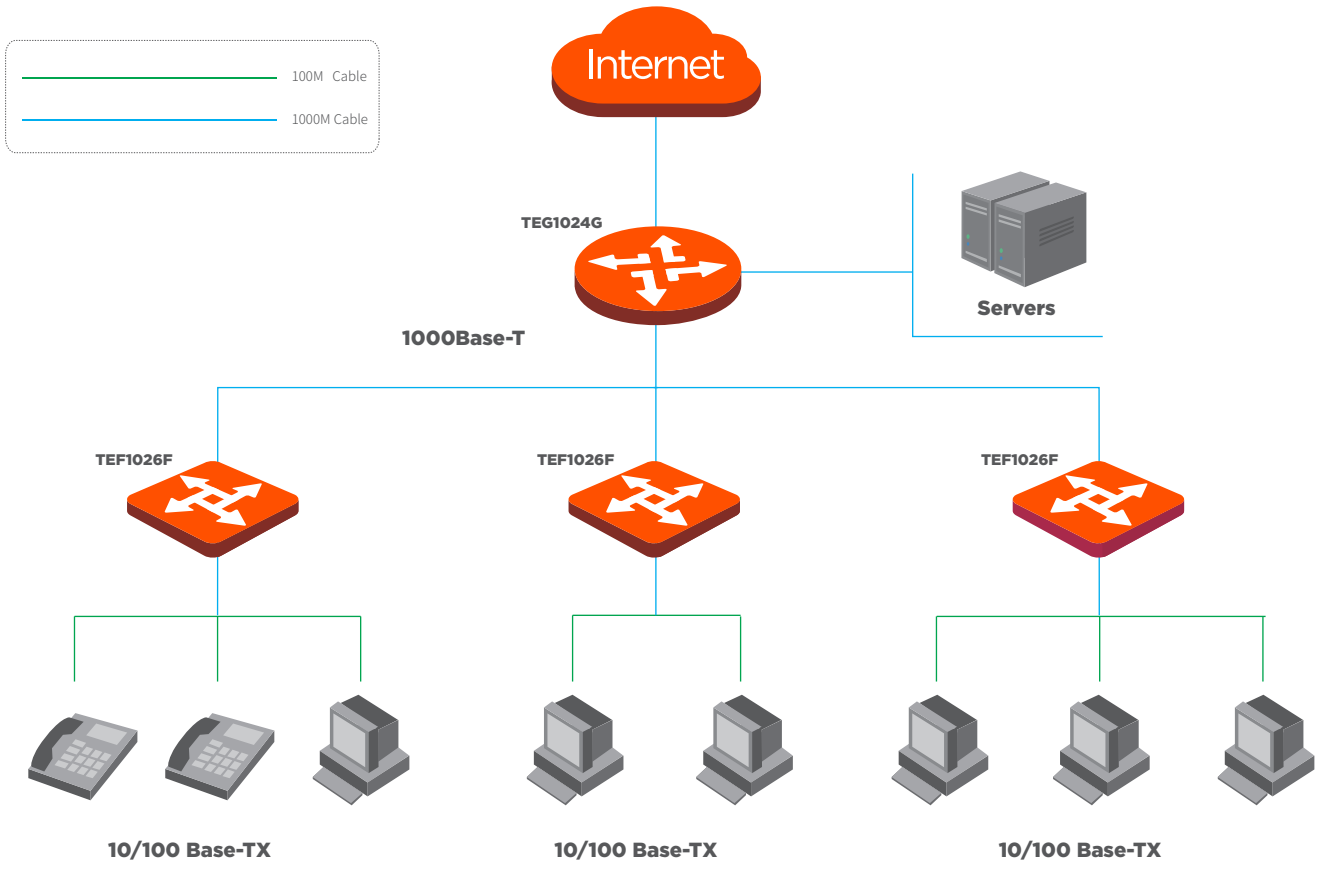
M2: Port-based priority mode. In that mode, ports 1 to 8 have higher priority than other ports, and all ports can communicate with each other. When the switch is connected to multiple IP cameras, you are recommended to use this mode for better smooth transmission, and connect the key IP cameras to the ports with higher priority, connect the two uplink ports (ports 25 and 26) to uplink devices (such as NVR or router).

M3: Port-based VLAN mode. In that mode, ports 1 to 24 can communicate with uplink ports (ports 25 and 26) but cannot communicate with each other. You can use this mode to isolate DHCP broadcast and eliminate broadcast storm.

Excellent lightning protection

Professional integrated lightning protection circuit enables the 2 GE ports to provide IV-class (6 kV in common mode) lightning protection, effectively decreasing the damage rate to the 2 GE uplink ports by lightning surge. The built-in power supply module is designed with enhanced lightning protection, which can withstand 6 kV lightning surge, 3 times higher than other ordinary switches, effectively protecting the switch from being damaged by adverse thunder storm.

Application Scenarios



Product Model	TEF1026F
Hardware Features	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab
Intertface	24*10/100M and 2*10/100/1000M auto-negotiation RJ45 ports (Auto MDI/MDIX) 2*1000M SFP solts (Combo)
Transmission Media	10Base-T: Cat. 3 UTP or better, 100Base-TX: Cat.5 UTP or better 1000Base-T: Cat.5e UTP or better 1000BASE-X: MMF, SMF
Forwarding Speed	10Mbps: 14880pps, 100Mbps: 148800pps, 1000Mbps: 1488000pps
Power Supply	Input: AC:100-240V; 50/60Hz
Lightning Level	6kVin Common Mode Protection for 2*GE ports 6kVin Common Mode, 4kVin Di erential Mode Protection for power supply
Product Dimensions（L*W*H）	supply 440mm *178mm *44mm
LEDs	1* Power, 26* Link/Act, 3*mode status lights
Switching Capacity	8.8Gbps
Packet buffer	4Mb
MAC Address Table	16k
Fan Quantity	Fanless
Power Consumption	Maximum : 12W(220V)
Software Features	
Transfer Method	Store and Forward
Access Control	CDMA/CD
Mode	M1: Standard mode,the default mode of the switch. In that mode, all ports can communicate with each other. M2: Port-based priority mode ports 1 to 8 have higher priority than other ports, and all ports can communicate with each other. M3: Port-basedVLAN mode, ports 1 to 24 can communicate with uplink ports (ports 25 and 26) but cannot communicate with each other
Loop Guard	Support Hardware Auto loop protection and prevention in M1
MAC Address Learning	Automatic update

Others	
Temperature	OperatingTemperature: 0℃~40℃ StorageTemperature: -40℃~70℃
Humidity	Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Certification	CE, FCC, RoHS
Certification	TEG1008D 8-Port Gigabit Ethernet Switch TEG1016D 16-Port Gigabit Ethernet Switch
Compatible OS	Windows 8 32/64 bit,Windows 7 32/64 bit, Windows xp 32/64 bit,Linux, MAC OS
Package Contents	TEF1026F Power cord,Rackmount Kit, Rubber Feet User Guide

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