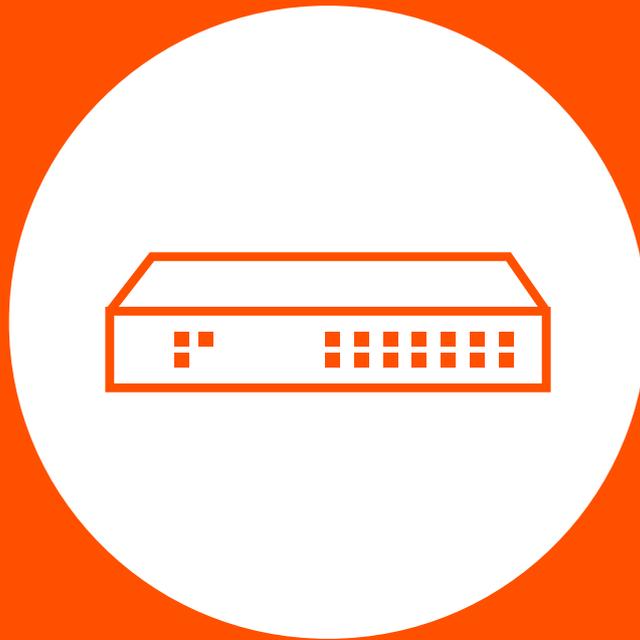# Tenda

TEG1024D
24-Port Gigabit Ethernet Switch

Link
More

TEG1024D

24-Port Gigabit Ethernet Switch

Products Description

TEG1024D is a 24-port gigabit Ethernet switch independently designed by Tenda. The switch supports wire-speed forwarding of all ports to ensure smooth transmission of large files and video streaming. It features a compact metal body, and supports desktop, wall and rack mounting. As a flexible and simple-to-use device, it can be connected to such network devices as computers and network cameras. It is your ideal choice for video surveillance and wired networking in such scenarios as SMBs, communities, factories, and schools.

Key Feature

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x
- 24 10/100/1000 Base–T Ethernet ports
- 8K MAC address and MAC address automatic learning
- IEEE 802.3x full–duplex flow control and half–duplex backpressure flow control
- Plug and play
- 48 Gbps non–blocking wire–speed forwarding backplane bandwidth
- 4 Mb large buffer design
- With 13–inch body design, and support desktop, wall and rack mounting

Main Features

Small & Compact Design

The body is small and compact, and the width is only half of the ordinary 13-inch device.

Easy to Install

Support mutiple mounting methods, such as desktop, wall and rack.

Plug and play

Plug and play for easy networking.

Wire Speed Forwarding

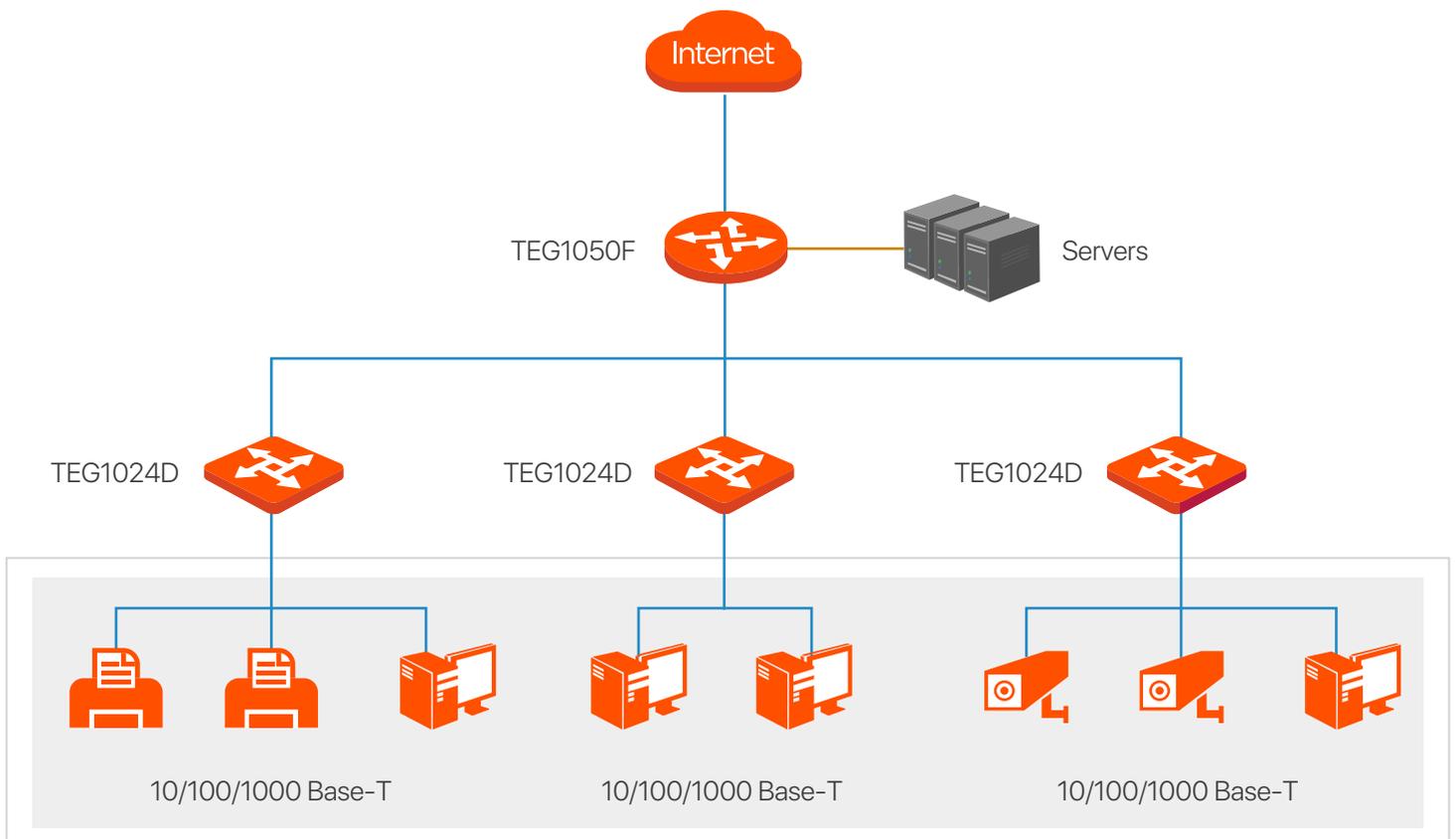The switch features wire speed forwarding of all ports.

Specifications

Model	TEG1024D
Hardware Specifications	
Network Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x
MTBF	50,000 hours
LED Indicators	One Link/Act LED indicator for each port One Power LED indicator for each device
Ports	24 * 10/100/1000 Base–T Ethernet ports
Lightning Protection	≥6KV
Switching Mode	Store–and–forward
Switching Capacity	48 Gbps
Forwarding Rate	35.7 Mpps
MAC Address Table	8K
Buffer	4 Mb
Input Voltage	AC: 100–240V 50/60Hz
Dimensions (L × W × H)	294 mm x 120 mm x 44 mm
Power Consumption	<12W
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

Software Specifications

Jumbo Frame	15K
Certificates	FCC、CE、RoHS

Relevant Info

—————— Cable

—————— Optical fiber

Internet

TEG1050F

Servers

TEG1024D

TEG1024D

TEG1024D

10/100/1000 Base-T

10/100/1000 Base-T

10/100/1000 Base-T

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