

**Tenda**



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**TEF1109DT**  
8FE+1GE Desktop Switch

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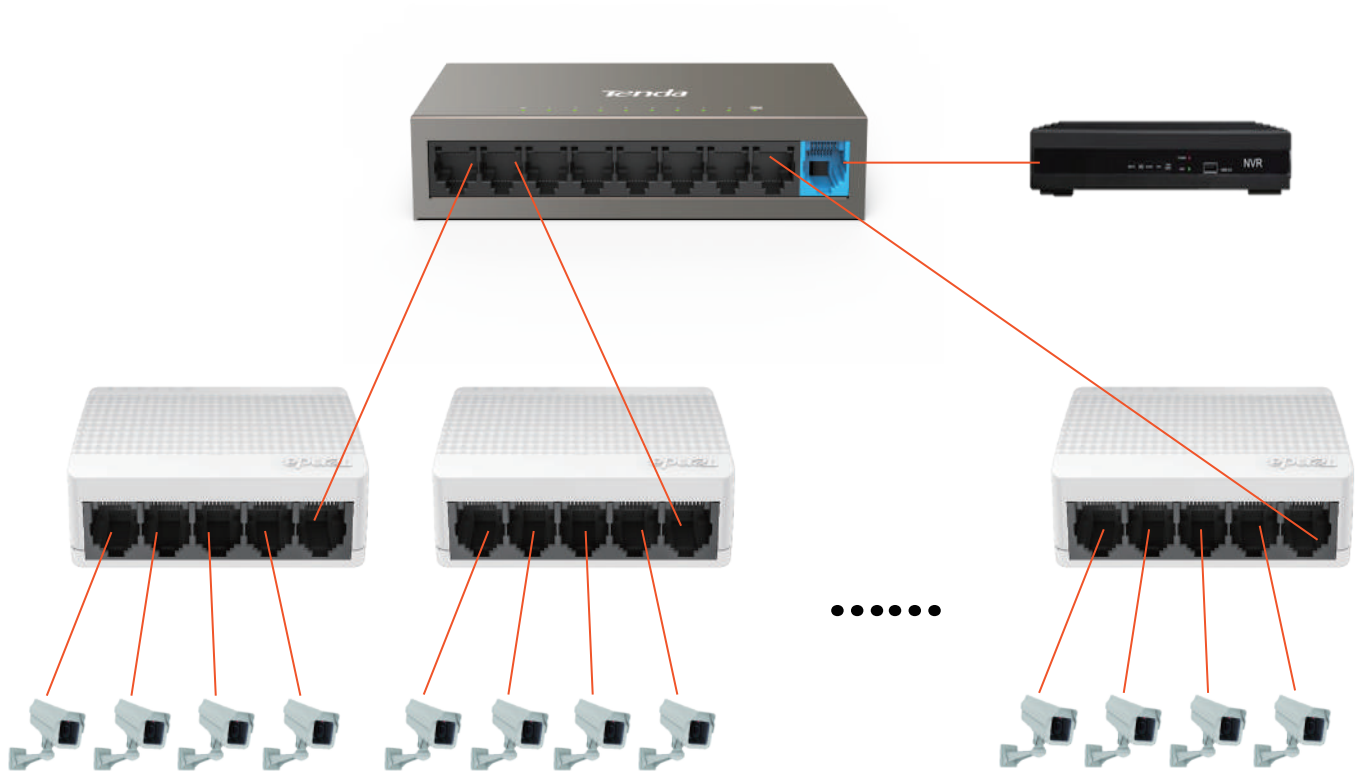
# TEF1109DT

Special for surveillance

## 8FE+1GE Desktop Switch

TEF1109DT is a 9-port Ethernet switch developed by Tenda. It provides 1 10/100/1000 Mbps uplink port and 8 10/100 Mbps RJ45 ports. Equipped with large packet buffer, it also ensures smooth streaming even when eight 500W HD IP cameras are working simultaneously. You can enable port VLAN mode of the switch to protect your LAN network from broadcast storm and prevent loss of monitoring images. In addition, the switch offers 6 kV lightning protection for its uplink port. In a word, TEF1109DT is a perfect choice for small and medium-sized IP surveillance projects and enterprises to have network.

# Topology



Connect 8 S105 to RJ45 ports of TEF1109DT, and a NVR to its uplink port. Then you can connect up to 32 IP cameras for network.

# Main Features

## Large packet buffer

TEF1109DT is equipped with 1024 Kb large packet buffer, twice of its counterparts, ensuring smooth streaming even when eight 500W HD IP cameras are working simultaneously.

## Gigabit uplink port

The switch's uplink gigabit port prevents bottleneck in the uplink transmission, and up to 32 IP cameras can be connected to the switch for data transmission without network lag.

## Lightning protection

The switch supports 6 kV lightning protection for uplink port, protecting the switch from thunderstorms and making it more stable.

## 250m transmission distance

The switch supports network extension technology, and data transmission can reach up to 250 meters, which can replace extenders and some optical fibers, expands network coverage and saves your costs.

## Simple port VLAN setup

With VLAN on enabled by the mode toggle, ports 1 to 8 are isolated from each other, enabling the switch to isolate broadcast storm, improving LAN security and data transmission.

# Specifications

Hardware	
Model	TEF1109DT
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab
Port	8 * 10/100 Mbps RJ45 port 1 * 10/100/1000 Mbps uplink port
Transmission media	Recommended: CAT5/5e UTP or better
Forwarding rate	10 Mbps: 14880 pps 100 Mbps: 148800 pps 1000 Mbps: 1488000 pps

Power	Input: 100 - 240 V AC, 50/60 Hz Output: DC 9 - 12 V
Lightning protection	6 kV for uplink port
Dimension (L * W * H)	140 mm * 66.5 mm * 25.3 mm
LED indicato	1 * Power 9 * Link/Act
Switching capacity	3.6 Gbps
MAC address table	2 K
Power consumption	Max: 5 W
<b>Software</b>	
Store-and-forward	Supported
Protocol	CDMA/CD
MAC address learning	Auto learning & auto aging
VLAN	Supported. Port 9 is an uplink port and ports 1 to 8 are isolated from each other.
<b>Others</b>	
Temperature	Operating temperature: (0 - 40)°C Storage temperature: (-40 - 70)°C
Humidity	Operating humidity: (10% - 90%) RH, non-condensing Storage humidity: (5% - 90%) % RH, non-condensing
Certification	CCC, CE, FCC, RoHS
Related model	TEF1109D 9-Port 10/100M Ethernet Desktop Switch
Operating system	Windows 8 32/64 bit, Windows 7 32/64 bit, Windows XP 32/64 bit, Linux, MAC OS
Package contents	1 * 8FE+1GE Desktop Switch 1 * Power adapter 1 * Quick installation guide

## SHENZHEN TENDA TECHNOLOGY CO.,LTD.

6-8 Floor, Tower E3, NO.1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052

Canada hotline: 1-888-998-8966

Toll free: Mon to Fri, 9am to 6pm PST

Hong Kong hotline: 00852-81931998

Website: <http://www.tendacn.com>

E-mail: [support@tenda.com.cn](mailto:support@tenda.com.cn)