

Tenda



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TEF1109TP-8-102W

8FE+1GE Desktop Switch With 8-Port PoE

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Products Description

TEF1109TP-8-102W is an 8FE+1GE Desktop Switch With 8-Port PoE developed by Tenda. It provides 8 10/100M RJ45 ports and 1 gigabit port. Ports 1-8 support IEEE 802.3af PoE standard with each port providing power of 15.4W, or support IEEE 802.3at PoE+ standard with each port providing power of 30W. The whole device can provide power of up to 92W. By using CAT5e twisted pairs, it can provide power and data transmission to APs, IP cameras, IP phones, and so on. In addition, uplink port supports lightning protection of 6kV and Ports 1-8 support long distance data transmission and powering of 250m, which decreases deployment difficulty and time thus decreases cost.

Key Feature

- 8 *10/100 M +1 *10/100/1000M RJ45 ports
- Up to 8 ports of IEEE 802.3af/802.3at devices powered
- 92-watt PoE budget
- Each port supports 51V DC power to PoE Powered Device
- 6KV lightning protection for uplink port
- 4KV lightning protection for external power supply
- Support long distance data transmission and powering of 250m
- Plug and play design, no configuration required
- Support Port VLAN Mode, ports 1 to 8 are isolated from each other but able to communicate with port 9

Mark

1M
buffer

Gigabit uplink & large packet buffer

One gigabit uplink port and 1Mb built-in packet buffer stand out in comparison, ensuring smooth transmission of large files and HD videos.

⚡
6KV

Lightning Protection 6kV

The ports and embedded power can provide lightning protection of up to 6kV. It also provides PSE shortcircuiting protection, PoE overloading, power over temperature, over voltage and surge current protection.

PoE
AT/AF

Outstanding PoE Power Supply

Ports 1-8 support IEEE 802.3at and IEEE 802.3af PoE standard. It provides 30W maximum PoE output a single port and 92W the whole device.

VLAN

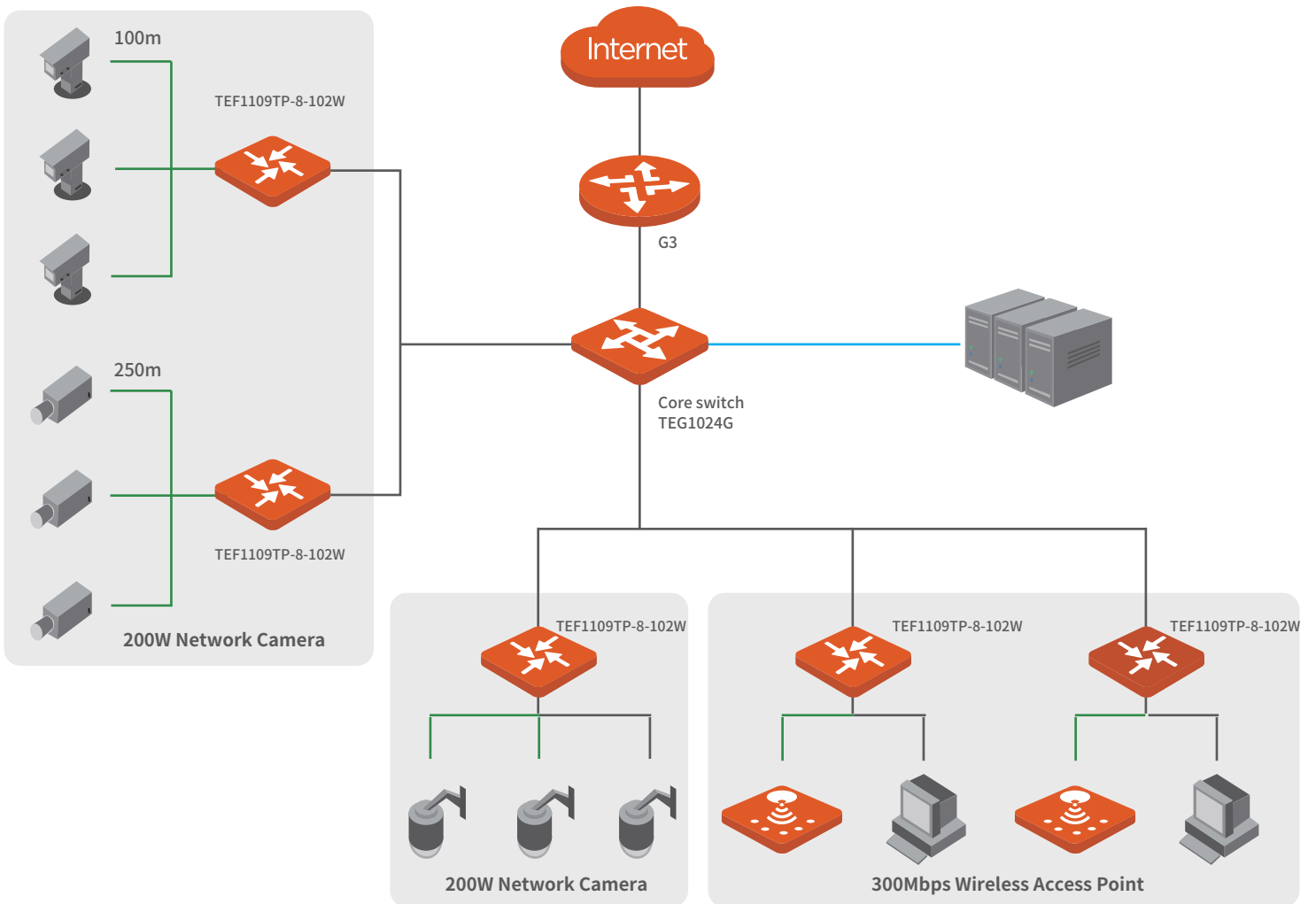
Port VLAN

Support Port VLAN Mode, ports 1 to 8 are isolated from each other but able to communicate with port 9. Solid DIP switch to isolate ports to prevent broadcast storm and defend DHCP spoofing.

Application

— POE

— 100M Cat-5e



Specification

Model		TEF1109TP-8-102W
HARDWARE FEATURES		
Standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at
MTBF		≥50,000 hours(about 5 years)
Indicators		9*Link/Act 1*Power
Interfaces	Fixed Ports	8*10/100Base-TX RJ45 Ports(Data/Power) 1*10/100/1000Base-TX RJ45 Port(Data)
	lightning protection	6kV for uplink port,4kV for external power supply
Capacity	Wire-speed forwarding	Support
	Exchange capacity	3.6 Gbit/s
	Mac Address Table	2K MAC
PoE Supply		Port 1 to Port 8 support standard IEEE802.3at/af power(maximum power for each port is 30W) , PoE power type is end-span(1245+, 3678- line pair) in full configuration: <102W PoE Max Power Supply: 92W
Dimensions(W x D x H)		177.5mm*104mm*26mm
Input Voltage		AC: 100–240V~ 50/60Hz DC: 51V /2A (Power Adapter)
Environment		Operating Temperature: 0 C~40 C (32 F~104 F) Storage Temperature: -40 C~70 C (-40 F~158 F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
One-key Mode		Default Mode: If Default mode is enabled, the device works as a general switch and all ports support 10/100Mbps auto-negotiation. VLAN Mode: If VLAN mode is enabled, VLAN isolation is enabled. Port 1-8 will be isolated respectively (10/100Mbps auto-negotiation), but can communicate with the Uplink port. And the delivery distance of powering and network data is up to 250m (10Mbps).
Certification		CCC, FCC, CE, RoHS

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