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**TEF1109P-8-63W**

9-Port 10/100Mbps Desktop Switch With 8-Port PoE

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## TEF1109P-8-63W

### 9-Port 10/100Mbps Desktop Switch With 8-Port PoE

#### Products Description

TEF1109P-8-63W is an 9-Port 10/100Mbps Desktop Switch With 8-Port PoE developed by Tenda. It provides 9 10/100 BASE-TX RJ45 ports. Ports 1-8 support IEEE 802.3at PoE standard with each port providing power of 15.4W, or support IEEE 802.3af PoE+ standard with each port providing power of 30W. The whole device can provide power of up to 58W. By using CAT5 twisted pairs, it can provide power and data transmission to APs, IP cameras, IP phones, and so on. In addition, all the ports support lightning protection of 6kV and long distance data transmission and powering of 250m, which decreases deployment difficulty and time thus decreases cost.

# Key Feature

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- 9 10/100 Base-TX RJ45 ports
- Up to 8 ports of IEEE 802.3af/802.3at devices powered;
- 58-watt PoE budget;
- Each port supports 51V DC power to PoE Powered Device,
- 6KV lightning protection,
- Extend Ethernet mode with 250 m transmission distance;
- Plug and play design,no configuration required;

# Mark

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## 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.



## 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 58W the whole device.



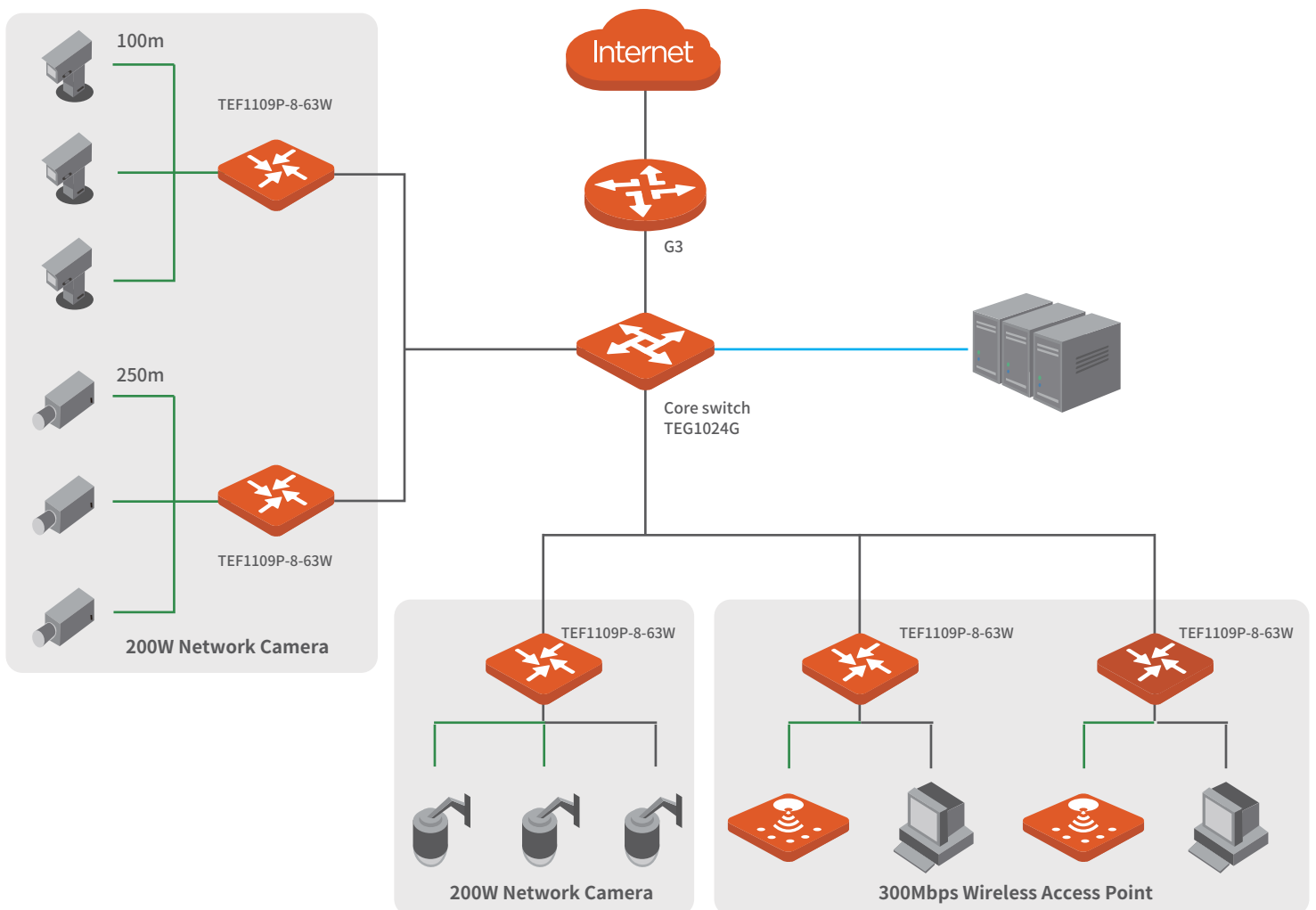
## 250 Meters Transmission

With 8-pin and the professional network extension technology, the transmission distance of power and data can be up to 250 meters, which can work in place of network extender or some optical fiber to expand the network without additional cost.

# Application

— POE

— 100M Cat-5e



# Specification

Model		TEF1109P-8-63W
HARDWARE FEATURES		
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at	
MTBF	≥50,000 hours(about 5 years)	
Indicators	Link/Act, PoE Status, Power, 100M	
Interfaces	Fixed Ports	8↑10/100Base-TX RJ45 Ports(Data/Power) 1↑10/100Base-TX RJ45 Port(Data)
	lightning protection	6KV
Capacity	Wire-speed forwarding	Support
	Switching capacity	1.8 Gbit/s
	Mac Address Table	4K 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: <63W PoE Max Power Supply: 58W	
Dimensions(W x D x H)	177.5mm*104mm*26mm	
Input Voltage	AC: 100–240V~ 50/60Hz DC: 51V /1.25A (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. Extend Mode: If Extend mode is enabled, VLAN isolation is enabled. Port 1-4 will be isolated respectively (10Mbps auto-negotiation), but can communicate with the Uplink port. And the delivery distance of powering and network data is up to 250m (10Mbps).	
Certification	3C、FCC、CE、RHOS	

