Tenda

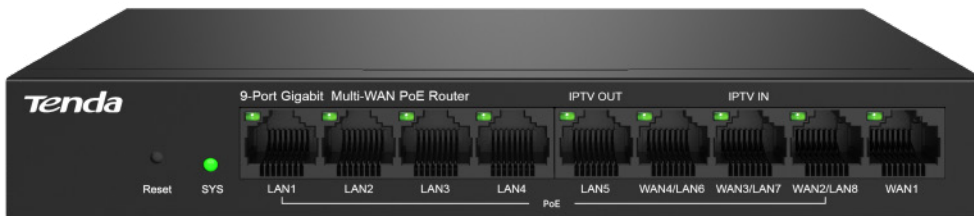# G0-8G-PoE
9 Port Gigabit Ethernet PoE Router

Link More

G0-8G-PoE

9 Port Gigabit Ethernet PoE Router

Product Introduction

G0-8G-PoE integrates router, PoE switch, and access controller altogether. Dedicated   8× PoE+ Ports for PoE-supported devices such as access points, IP cameras, and IP phones, lowering infrastructure costs for small businesses. G0-8G-PoE supports pass-through traffic and multiple VPN protocols, including IPSec, PPTP, and L2TP . Intelligent load balancing and link redundancy between multiple WAN ports.

Key Features

- Integrates router, PoE switch, and controller altogether.
- Dual-Core CPU provides 1Gbps Forwarding performance.
- Up to 4× WAN Ethernet Ports, Support load balancing.
- 8× 802.3at/af-compliant PoE+ ports yield a total power supply of 95W*.
- Supports IPsec VPN, and L2TP/PPTP VPN connections.

Product Features

Router Mode and AC Mode

It supports Router Mode and AC Mode. It can simultaneously manage 128 APs in router mode and 256 APs in AC Mode. It can automatically discover and manage Tenda APs in the network, and perform unified configuration and management of APs.

Efficient firewall to ensure internal and external network security

Support attack defense function, effectively resisting various common DoS attacks, DDoS attacks, ARP attacks, flooding attacks and scanning attacks.
Support IP and MAC address binding, effectively preventing ARP spoofing.
Support MAC address-based filtering to block unauthorized hosts from accessing.
Support URL filtering to prevent users from accessing risky domain names, and reduce network risks.

95W PoE Budget

Support 8× PoE+ Ports for PoE-supported devices such as access points, IP cameras, and IP phones.

Multiple WAN ports with multiple broadband access

supports up to 4 WAN ports. It can realize bandwidth stacking with 4 broadband lines, and the stacking efficiency can reach 98%. In addtition, it supports intelligent routing, automatic traffic balancing and custom traffic balancing to fully utilize bandwidth resources.

Easy Installation

compact design for desktop and wall mounting.

Relevant Info

Internet

G0-8G-PoE

AP

IP Phone

Printer

Laptops
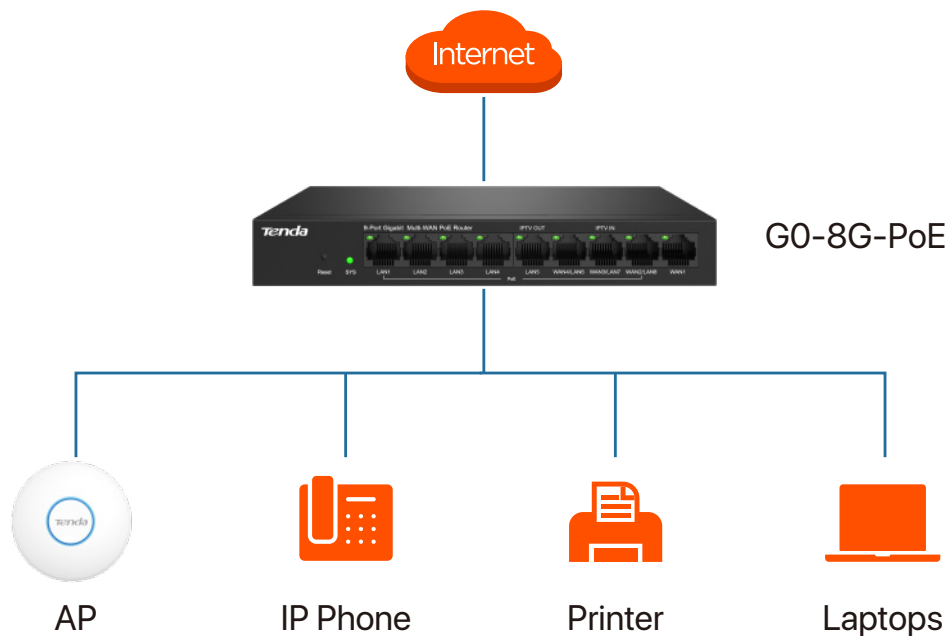
Related Products

	W15-PRO	· 2.4 GHz Band up to 574 Mbps. · 5 GHz Band up to 2402 Mbps. · Fast roaming at 50 ms. · Double–sided tape installation.
	i27	· 2.4 GHz Band up to 574 Mbps. · 5 GHz Band up to 2402 Mbps. · Small and compact. · Fast roaming at 50 ms.

Product Specifications

Product Informations	
Basic Information	G0-8G-PoE
Installation	Desktop
Dimensions (L*W*H)	177.5*104*26
Application Scenario	Enterprise Office
Operation mode	Router Mode, AC Mode
Performance Parameters	
Max. Client Capacity	150
Recommended Client Capacity	100
Recommended broadband	1000Mbps
Max. New Sessions	4000
Max. Concurrent Sessions	49000
NAT (Static IP)	940Mbps/930Mbps
NAT(DHCP)	941Mbps/932Mbps
NAT(PPPoE)	914Mbps/924Mbps
AP Management	Router mode: 128; AC mode: 256
VLAN	4
Hardware Parameters	
CPU	Dual Core，1.0GHz
RAM	128 MB
FLASH	16 MB
Ports	9*GE (Max. 4 WAN, Max. 8 LAN)
PoE outport	802.3af/at on LAN1-8
PoE Budget	95W
Button	Reset Button
Standards and Protocols	IEEE 802.3, 802.3u, 802.3x, TCP/IP, DHCP, ICMP, NAT, PPPoE, NTP, HTTP, DDNS
Power Supply	51VDC/2A Adapter

Product Specifications

Software Parameters(Router)

AP Management	128APs
DHCP Server	DHCP Server(User/AP),DHCP Reservation
Wireless Policy	AP Group,SSID Policy,RF Policy,Vlan Policy,maintenance policy,Alarm Policy,Deployment Policy
Fast roaming	802.11k,v,r
IPTV	IPTV Policy
ACL	IP/MAC/URL/PORT
Bandwidth Control	Based on single user, user group, smart bandwidth control
VPN	IPSec, PPTP, L2TP
Virtual Server	DMZ, DDNS, DNS Hijacking,IP Hijacking,UPNP,Port Mirroring,Port Mapping,DNS Cache
IPV6	Support
WAN Load Balancing	Intelligent Load Balancing,Customize
Routing	Static Routing,Policy Routing
Security	IP-MAC binding, Block Ping from WAN,DDoS Attack Defense,ARP Attack Defense,Binary Association
System Tools	ntp,Scheduled reboot, Diagnosis
System log	system log,Operating log,Running log
System Account	Administrator,Visitor,Login IP Address Limit
Upgrade	Local,Online
Maintenance	Restore,Backup,Remote WEB Management
Management	http/https

Software Parameters(AC)

AP Management	256APs
DHCP Server	DHCP Server(User/AP),DHCP Reservation
Wireless Policy	AP Group,SSID Policy,RF Policy,Vlan Policy,maintenance policy,Alarm Policy,Deployment Policy
Fast roaming	802.11k,v,r
IPTV	IPTV Policy
Security	Block Ping from WAN,DDoS Attack Defense,ARP Attack Defense,Binary Association

System Tools	ntp,Scheduled reboot, Diagnosis
system log	system log,Operating log,Running log
System Account	Administrator,Visitor
Upgrade	Local,Online
Maintenance	Restore,Backup,Remote WEB Management
Management	http/https

Other Parameters

Environment	Operating Temperature: -10℃-45℃ Operating Humidity:10%-90% RH, non-condensing Storage Temperature: -40-70℃ Storage Humidity: 5%-90% RH, non-condensing

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