

**Tenda**



All for better networking.

**W9**

11AC 1200Mbps Wireless In-Wall Access Point



# W9

## 11AC 1200Mbps Wireless In-Wall Access Point

### What it does

W9 is designed to provide wifi coverage for hotel rooms, villa, university dormitories, hospital wards, and other sites with densely divided rooms. It delivers 867Mbps wireless rate at 5GHz radio and 300Mbps wireless rate at 2.4GHz radio with the latest Wi-Fi 802.11ac technology. Adopt of 86 Type wall mount junction box design, it can blend into existing decoration perfectly without any damage. Compliant with PoE 802.3af standard enable it to be deployed quickly.

# Highlight

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- \* Dual band 11AC 1167Mbps
- \* Two 10/100Mbps LAN port
- \* Compliant with PoE 802.3af
- \* VLAN tagging for multi SSID
- \* Centralized managed by M3
- \* 86 Type wall mount junction box design

# Main Features

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## Dual band 11AC 1167Mbps

W9 delivers 867Mbps wireless rate at 5GHz radio and 300Mbps wireless rate at 2.4GHz radio with the latest Wi-Fi 802.11ac technology. The outstanding Wi-Fi performance is ideal for bandwidth sensitive applications like streaming in HD and seamless online gaming.

## 86 Type wall mount junction box design

W9 adopts of 86 type wall mount junction box design to deploy into the existing wall jack. It will pose no problem to neighbourhood panels or other decorations.

## Compliant with PoE 802.3af

The port on the back panel support Power over Ethernet (PoE) functionality, which allows both power and data to be carried over a single Ethernet cable to W9. It is easy to deploy without additional power supply.

## Advanced Wireless Security

W9 offers multi mechanism to prevent unauthorized access and protect data privacy.

1. 64/128bit WEP, WPA-PSK, WPA2-PSK, WPA&WPA2-PSK, WPA, WPA2.
2. Wireless Access Control based on the mac address of wireless adapter.
3. Client Isolation and SSID isolation.

## VLAN Tagging For Multi SSID

W9 can be configured to broadcast 8 SSID at 2.4GHz radio and 4 SSID at 5GHz radio. Each SSID can be tagged to a specified network VLAN to establish different internet access rights.

## 5GHz band steering

W9 features with 5GHz band steering function to detect clients capable of 5 GHz operation and steers them to that frequency which leaves the more crowded 2.4 GHz band available for legacy clients.

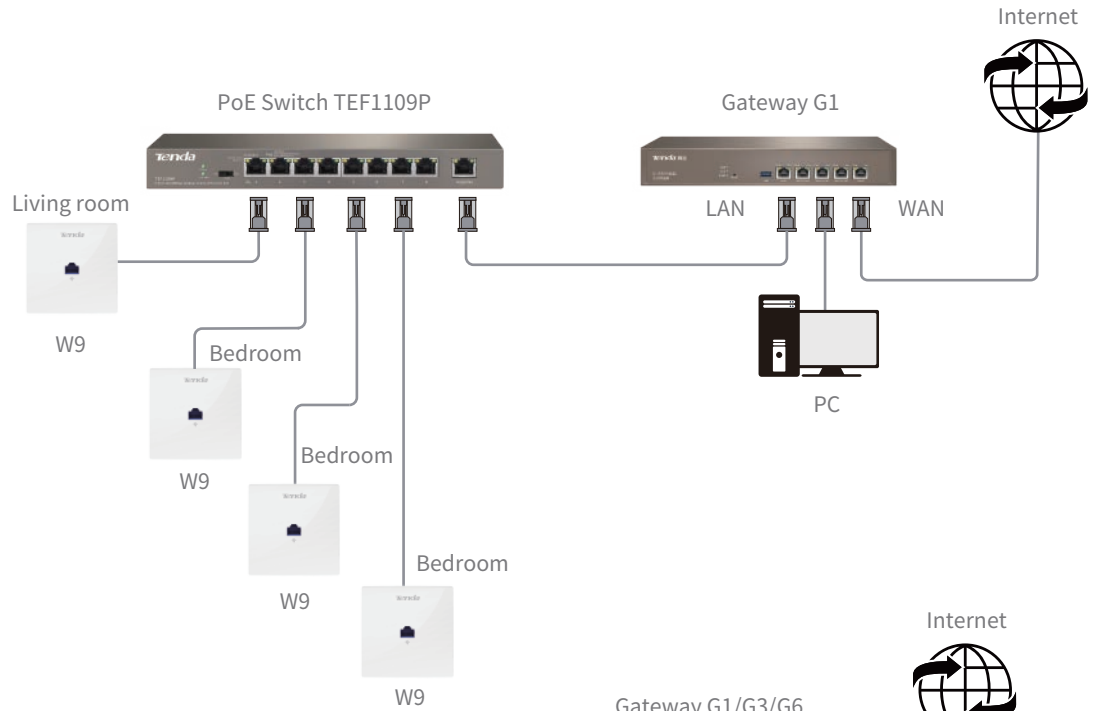
## Easy to setup, Easy to manage

W9 can be managed by AP Controller, the administrator can setup, manage and monitor all the Aps online status more easily.

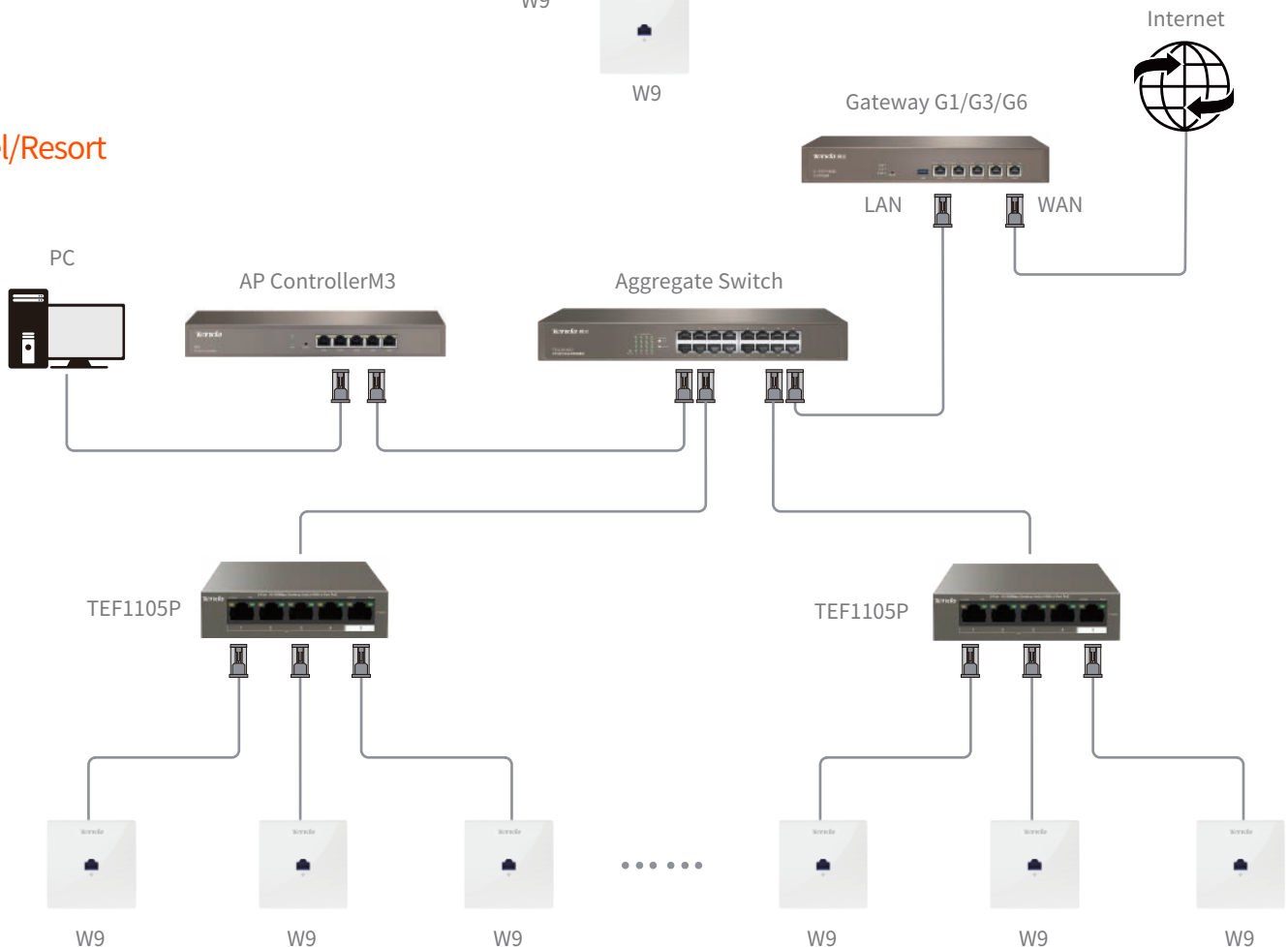
# Application Scenarios

W9 is designed to provide wifi coverage for hotel rooms,villa,university dormitories, hospital wards, and other sites with densely divided rooms. It delivers 867Mbps wireless rate at 5GHz radio and 300Mbps wireless rate at 2.4GHz radio with the latest Wi-Fi 802.11ac technology. Adopt of 86 Type wall mount junction box design, it can blend into existing decoration perfectly without any damage.Compliant with PoE 802.3af standard enable it to be deployed quickly.

## Villa/Large House



## Hotel/Resort



# Specifications

Hardware Features	
Hardware Features	86*86*34.8mm
Frequency Range	2.4GHz & 5GHz dual band
Max 2.4GHz wireless rate	300Mbps
Max 5GHz wireless rate	867Mbps
Interface	1*10/100Mbps PoE+Data Input LAN
	1*10/100Mbps Data Output LAN
Button	1*Reset
2.4GHz Antennas	4dbi
5GHz Antennas	4dbi
Maximum Power Consumption	3.8W
LED indicator	SYS, LAN
Power Supply	PoE 802.3af
2.4GHz Receiver sensitivity	11n MCS0 -92dBm
	11n MCS7 -72dBm
5GHz Receiver sensitivity	11a 6Mbps -92dBm
	11n MCS7 -72dBm
	11ac MCS9 -64dBm
Software Features	
Operating Mode	AP/Client+AP
Compliant Standards	IEEE 802.11n/g/b
2.4GHz SSID	8
5GHz SSID	4
Enable/Disable Wireless Radio	Support
SSID Hidden	Support
Wireless Client isolation	Support
SSID Isolation	Support
Client Limitation For SSID	Support
Wireless Access Control	Support
Weak Signal Client Limitation	Support
Transmission Power	Adjustable power by 1dBm
5GHz Band Steering	Support
WMM Capable	Support
APSD Capable	Support
Wireless Security	64/128 WEP,WPA-PSK,WPA2-PSK,WPA&WPA2-PSK,WPA,WPA2
VLAN Tagging for SSID	Support

# Specifications

DHCP Server	Support
DHCP Client List	Support
VPN Pass-Through	PPTP,L2TP
Schedule Reboot	Support
Diagnosis Tool	Ping,Signal Scan
Time&Date Setting	Support
Firmware upgrade	Support
Backup/Restore Configuration	Support
Username Management	Support
System Log	Support
Managed By Controller	M3
<b>Others</b>	
Package Contents	1*Wireless Access Point 2*Screws 1*Quick Installation Guide
Operating Temperature	-10°C ~ 45°C
Storage Temperature	-30°C ~ 70°C
Operating Humidity	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing
Default IP	192.168.0.254
Default Login Username	admin
Default Login Password	admin
Certifications	CE/RoHS

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