

**Tenda**



All for better networking.

**i9**

wireless access point

[www.tendacn.com](http://www.tendacn.com)



# i9

## wireless access point

### What It Does

i9 is a wireless access point specially designed by tenda for office, bar, coffee shop and other indoor environments. It works in the 2.4GHz band, and the wireless rate can reach 300Mbps. Built-in 2 high gain omni-directional MIMO antennas which give powerful WIFI signal penetration and coverage. At the same time, the device built-in power adjustment mode, the user can adjust the transmitted power according to the actual environment. The device adopts standard 802.3af PoE power supply, which can guarantee the users to realize long-distance network power supply without changing the original power network. With simple design, it can be installed directly on the wall or the ceiling, it does not affect the original building structure. And it supports TENDA whole series wireless controller to management and deployment.

### Main Features

- support 300Mbps 2\*2MIMO technology, it has internal strong and stable signal extender
- Support 12V 1A DC power supply directly, and support standard POE (802.3af) switch 100-meter cable power supply
- Support wireless controller, enterprise wireless management



## Multiple anti - interference technology makes wireless network more stable.

Through the built-in multiple anti-interference technology, which can automatically choose the optimal channel, greatly reduced the same frequency interference and other electromagnetic interference, which improve the quality of the wireless signal, make the wireless network is more stable.



## Dual power supply mode ,flexible and convenient

Compared with the single power supply mode of other products, i9 supports POE power supply and DC power supply. You can choose according to the actual situation, the deployment is simpler and the construction is more convenient.



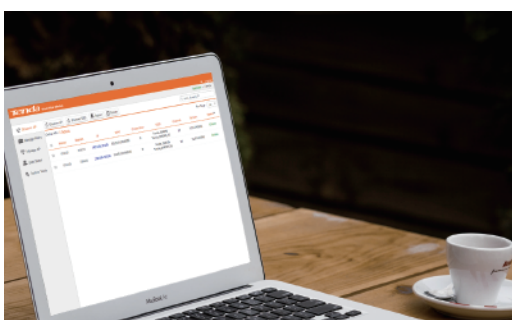
## Reasonable allocation of wireless resources to ensure the quality of wireless

i9 supports hollow scheduling and limited weakness signal terminal access. It can allocate the resources of wireless reasonably.Avoid low rate users to preempt empty resources,increasing the overall rate of wireless networks.It can adjust the threshold of low signal terminal access, reject the terminal access of low signal strength, which make sure the wireless network is more high-speed.



## Support multi-ssid and VLAN binding to protect data security

It adopted multi-ssid design to support VLAN and SSID binding. According to the connection to different SSID, it can distinguish the Internet access and data access rights which protect network data security.



## Support AC unified management,easy management and maintenance.

i9 supports centralized management of wireless controllers, automatically detect and recognize AP without manually adding.In a wireless network, only one wireless controller can be used to manage all AP, and can monitor the operation of the whole network in real time.

# Specifications

## Hardware Features

Frequency Band	2.400 - 2.4835 GHz
Wi-Fi Standards	802.11b/g/n
PHY Data Rates	1-300Mbps
Ethernet Ports	1 10/100Base TX
DC Power Interface	1 DC Power Interface
Reset Button	1
LED Indicator	1 Sys
Power Consumption	<8W
Power Supply	802.3af & 12V1A DC
Dimensions	184*184*38mm

## Software Features

Operating Mode	AP, Client+AP
SSID Hiding	Support
SSID Numbers	4
WEP	64/128
WPA-PSK	AES/TKIP
WPA2-PSK	AES/TKIP
WPA	Support
WPA2	Support
Wireless Access Control	MAC address filtering
Adjustable Transmission Power	Support
AP Isolation	Support
User Access Limit	Supports wireless client number constraints
Client Access Restrictions	Support wireless client RSSI threshold Settings
WMM	Support
VLAN and SSID Bindings	Support
EIRP Power(Max.)	802.11b:18.35dBm;802.11g:19.75dBm; 802.11n(20MHz):19.81dBm;802.11n(40MHz):19.78dBm
Switch LED	Support
Network Diagnoses	Support ping
Timing Reboot	Support
Cycle Restart	Support
Equipment Management	Web Management
Logging	System log view
Firmware Upgrade	Support from Web UI or AP Controller
Equipment Restart	Support from Web UI or AP Controller
Restore Factory Settings	Support from Web UI or AP Controller
Backup Configuration	Support
Restore Configuration	Support
Centralized Management	M3

# Specifications

## Working Environment

Default Login IP	192.168.0.254
Default User Name	admin
Default Password	admin
Operating Temperature	-10°C ~ 40°C
Operating Humidity	10%~90% non-condensing
Storage Temperature	-30°C ~ 70°C
Storage Humidity	10%~90% non-condensing

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