

*Tenda*

# 300M Ceiling Access point

19

Product Introduction

# Catalogue

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02 i9Value

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04 I9 Advantages

# Application



Chain / Star Hotel



Catering



Entertainment



Small and medium enterprises

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# Value

I9 V2.0 uses 1GHz chip, 2\*2 11n

In the target market, **the main competitors are TP301C**

- **Coverage 6 hotel rooms**
- **Cover area of 200m<sup>2</sup>**
- **For video watching support 20 users at the same time without delay**
- **Support 30 users in general office applications**



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i9

# 11n wireless access point

2.4GHz 802.11N 2 Space flow 300Mbps



1个FE port 1\*System light 1\*DC Power port



12V1A



Power waste <7W    Transmission power 2.4G: 20dbm    Antenna gain 2.4G>4dbi

AF/AT POE Switch



POE Power



DC Power

**i9****11n** wireless access point

## Hardware specification

<b>Model</b>	<b>i9</b>
<b>Chip</b>	RTL8196E+8192ER
<b>Wireless transmission rate</b>	300Mbps
<b>FLASH/Memory</b>	4/32
<b>Antenna</b>	2.4G: 2*4dbi
<b>Transmission power</b>	2.4G: 20dbm
<b>LAN Port</b>	FE*1
<b>POE Standard</b>	AF
<b>DC Power</b>	12V1A
<b>LED</b>	1*System
<b>Parts</b>	Bracket*1

## Software dimension

## Adjustable Power

- Support 1dbm step power adjustment

## Chinese SSID

- UTF-8
- GB2312

## DHCP Server

- Support AP allocation IP address

## MAC Filter

- Support MAC filter

## AC Management

- M3
- G3

## 3 language self-adaption

- Simplified Chinese
- Traditional Chinese
- English

## Wireless Relay

- Client+AP

## Wide coverage

- 2 deployment mode can be used in different situation

## Safe Mode

- Support WPA/WPA2 individual and enterprise encryption
- Support WEP encryption

## QVLAN

- 2.4G: 8 \* SSID,
- Support SSID mapping QVLAN

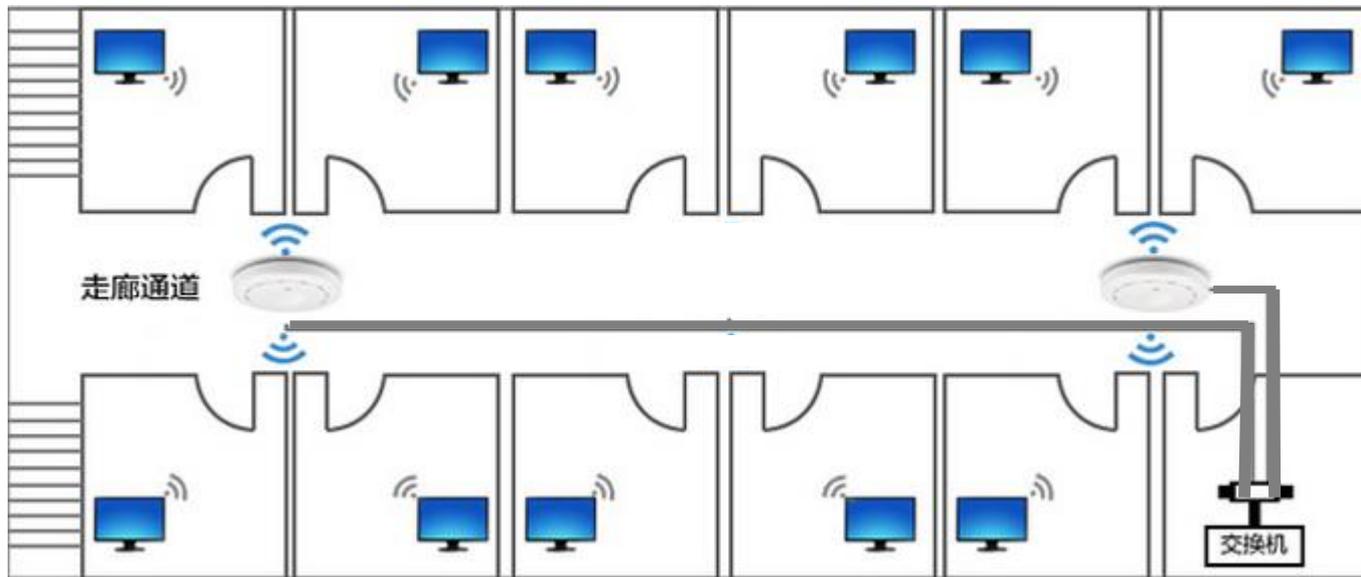
## User-defined Restart

- Restart equipment by user-defined

## 5 Anti- interference Mode

- 5 anti-interference mode, can greatly improve the anti- interference ability

19 support MIMO protocol and transmission Beam forming technology,  
Support wireless schedule function, greatly improved the experience of users  
in interference situation



**AP deployed in the floor, each AP can cover 4-6 guest rooms, professional channel division, can be applied in hotel、consuming place and SMB enterprise office.**

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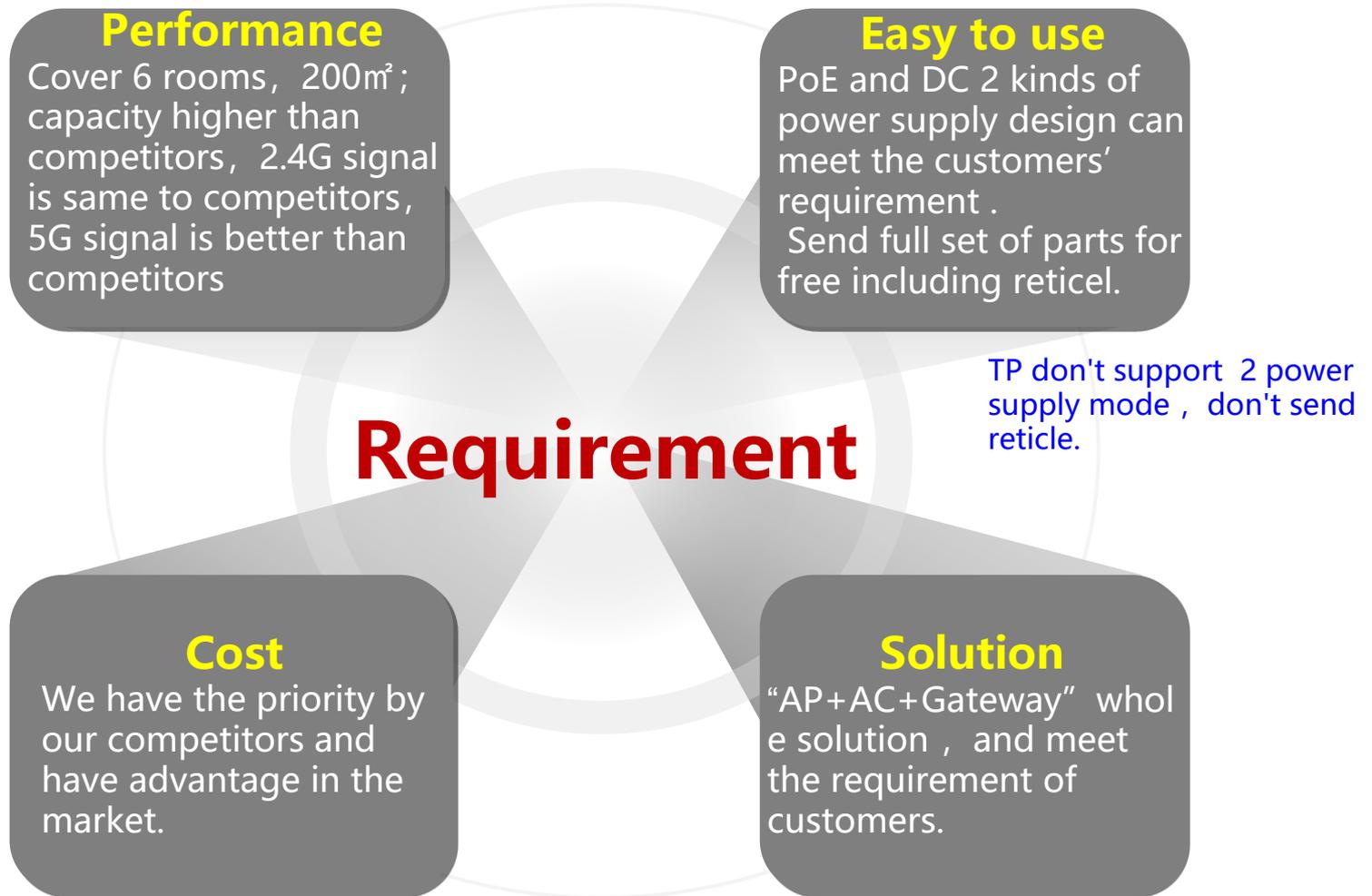
03 I9 Specification

04 I9 Advantages

# I9 Competitors

Mode	i9	TL-AP302C-POE	TL-AP301C
Picture			
Frequency	2.4G	2.4G	2.4G
Transmission Speed	300Mbps	300Mbps	300Mbps
Chip Solution	RTL8196E	QCA9533	QCA9533
CPU main frequency	1000MHz	750MHz	750MHz
FLASH/Memory	4/32	4/32	4/32
TX Power	2.4G: 20dbm	2.4G: 20dbm	2.4G: 20dbm
LAN port	FE*1	FE*1	FE*1
POE power standard	AF	AF	Non-standard POE
Power consumption	<7W	<7W	<7W
Parts	Holder*1 DC power*1	Holder*1	Holder*1 DC power*1

# i9 Competitors



# I9 Advantage: Two kinds of power-supply

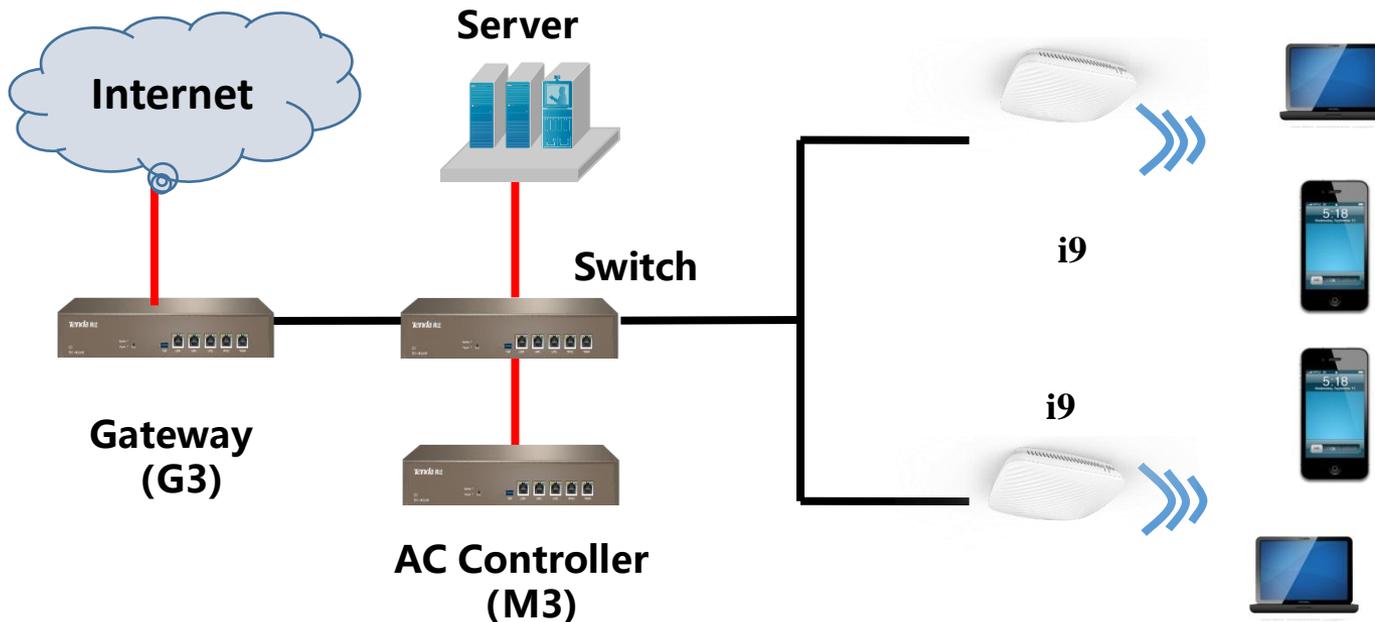
Model	i9	TL-AP301C	TL-AP302C-POE
AF Standard POE	√	×	√
Passive POE	×	√	×
DC Power Supply	√	√	×
With Power supply or not	√	√	×

Competitor's products separate the DC and POE port, but our AP products are more integrated.

# Recommend Solution

## Recommend Solution

I9 support 20 users at the same time for 720p video. I9 support PoE power supply. It can be managed by the Tenda AC controller (M3), and can be centrally managed by the Tenda gateway. This solution can simplify the network and save your investment.





# THANK YOU



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