

Tenda



i36

BE5010 Dual-Band WiFi7 Ceiling Access Point



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Product Description

i36 is a dual-band Wi-Fi7 Ceiling Access Point that can work in both 2.4 GHz and 5 GHz bands, with a wireless access rate of up to 5010Mbps. Through Wi-Fi7's unique MLO and 2.5G network port, the wired transmission rate is greatly improved to meet the needs of multi-device interconnection. Through Tenda CloudFi, remote management of devices can be achieved.

Key

Features

- Dual-band wireless speed: 5010 Mbps
- 802.11k/v/r Roaming
- Tenda CloudFi Cloud Management
- Power input with 802.3at PoE
- 2.5G Ethernet uplink port

Product Feature



5010Mbps wireless access speed

Both the 2.4 GHz and the 5 GHz radio bands support the new Wi-Fi 7 standard and the concurrent Wi-Fi rate is as high as 5010Mbps, 1.7 times that of the last-generation of AP (AX3000).



Wireless automatic tuning, optimizing the overall performance of wireless networks

When the working channels of adjacent APs overlap, excessive power of an AP will cause signal interference to adjacent APs. i36 works with Tenda AC controller/router to automatically plan AP channels and power through wireless optimization function, intelligently reduce signal interference between APs, and ensure high-speed operation of wireless networks.

Product Feature



Support 802.11K/V/R fast roaming

When multiple APs are deployed in an area for coverage, mobile phones/computers/pads and other terminal devices automatically connect to the AP with the best signal quality during the user's movement, and Wi-Fi switching is zero-perception. Whether it is a voice call or a video call, you can move freely without constraints.



Supports PoE power supply

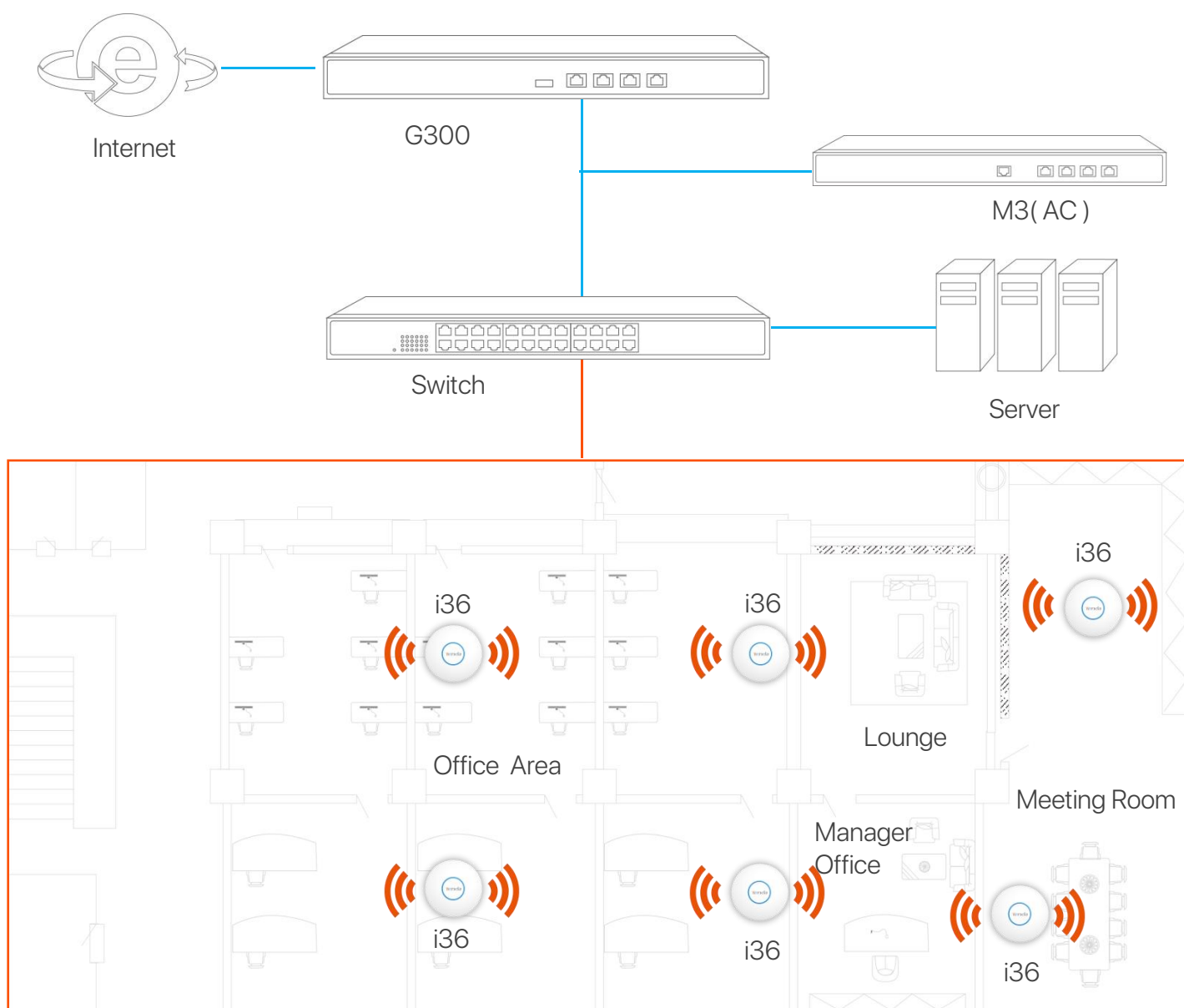
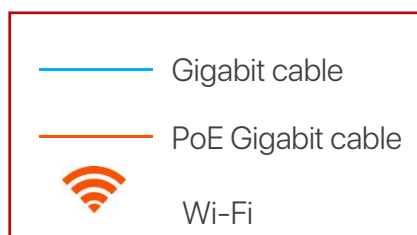
Support 802.3at standard PoE network cable power supply, no external power supply required. One network cable can be connected to the switch to achieve PoE power supply and data transmission, plug and play, no need to consider the location of the socket, power line routing and other issues, convenient wiring, flexible networking, and more convenient construction.



Supports cloud platform/APP remote management

Supports unified deployment, configuration, and management of devices. Through the CloudFi cloud platform and CloudFi APP, remote monitoring, management, and maintenance can be performed anytime and anywhere. It supports automatic generation of real topology and wireless one-click optimization. You don't need to be on site to easily grasp the overall situation.

Application Scenarios



Technical Specifications

Product Information	
Model	i36
Category	Ceiling
Dimension	Φ250.6*55 mm
Hardware Specifications	
Interface	One 100/1000/2500 Mbps Ethernet Port (PoE) One 10/100/1000 Mbps Ethernet Port
Button	1*Reset
LED indicator	1*SYS
Maximum Power Consumption	17.4W
Power Supply	PoE 802.3at
Max. Number of Clients	256
Recommended Clients	100
Antenna	2*4dBi + 3*4dBi
2.4GHz maximum power	<ul style="list-style-type: none">• CE: <20 dBm (2.4 GHz, EIRP)• FCC: <25 dBm (2.4 GHz)
5GHz maximum power	<ul style="list-style-type: none">• CE: <23 dBm(5 GHz, EIRP)• FCC: <25 dBm(5 GHz)
Reception Sensitivity	2.4GHz 802.11b -98dBm 2.4GHz 802.11ax (MCS7) -64dBm 5GHz 802.11a -98dBm 5GHz 802.11n (40M-MCS7) -76dBm 5GHz 802.11ax (80M-MCS11) -61dBm
Frequency Range	2.400 GHz to 2.4835 GHz, 5.150 GHz to 5.350 GHz, 5.725 GHz to 5.850 GHz
Standard & Protocol	IEEE 802.11b/g/n/ac/ax/be
Maximum wireless speed	2.4GHz: 688Mbps 5GHz: 4323Mbps
Bandwidth	20MHz/40MHz/80MHz/160MHz
Software Specifications	
Operating Mode	AP/Client+AP

Technical Specifications

Software Specifications	
Max. No. of SSID	2.4GHz: 8 5GHz: 4
Hide SSID	Supported
OFDMA	Supported
Beamforming	Supported
Fast roaming (802.11k/v/r)	Supported
MLO	Supported
WPA-PSK	Supported
WPA2-PSK	Supported
WPA	Supported
WPA2	Supported
WPA3-SAE	Supported
Access control	Supported
Adjustable power transmit	Supported
Automatic channel	Supported
AP isolation	Supported
Guest network	Supported
Connected clients control	Supported
RSSI Threshold	Supported
Weak signal terminal elimination	Supported
Prioritize 5 GHz	Supported
VLAN tagging for SSID	Supported
LED control	Supported
MU-MIMO	Supported
Diagnostics tool	Supported
Reboot at specified interval	Supported
Scheduled reboot	Supported
Device management	Web, Router, CloudFi APP, AP Controller

Technical Specifications

Software Specifications	
System logs	Supported
Firmware upgrade	Supported
Reset	Supported
Backup configuration	Supported
Restore configuration	Supported
Others	
Management Address	tendawifi.com 10.16.16.169
Operation Temperature	-10°C ~ 45°C
Operating Humidity	10%~90% non-condensing
Storage Temperature	-30°C ~ 70°C
Storage Humidity	5%~90% non-condensing

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