

Tenda



i26

AX1500 Wi-Fi 6 Dual Band Gigabit Ceiling AP



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Product Description

i26 is a Gigabit dual-band ceiling AP based on the new Wi-Fi 6 standard, with a wireless rate of up to 1500Mbps; supports fast roaming, which automatically selects a wireless network with better quality; supports one-key wireless network optimization, which simplifies network debugging steps

Key Features

- 2.4G/5G dual-band concurrent, wireless rate up to 1500Mbps
- Supports one-click wireless optimization
- Supports remote management
- Supports fast roaming

Product Feature



1500M wireless access speed

Adopting the new generation Wi-Fi 6 technology, with 2.4G/5G concurrency and a wireless speed of up to 1500Mbps, compared to mainstream Wi-Fi 5 AC1200 ceiling mounted APs, the speed has increased by 38%. Simultaneously equipped with multiple wireless technologies such as OFDMA and MU-MIMO, it supports access to more terminal devices and enables multiple terminal devices to access the internet at high speed with lower latency.



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. i26 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

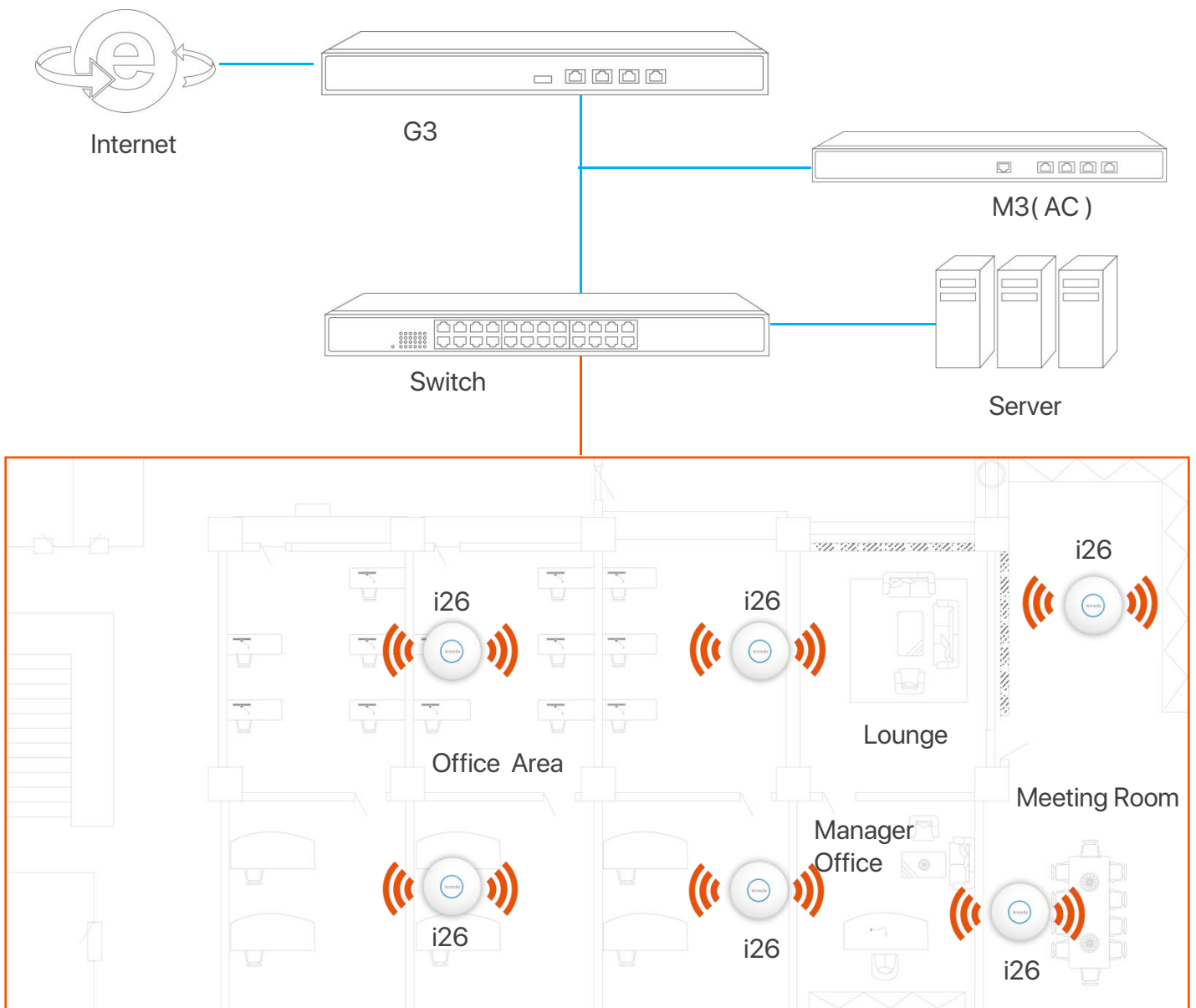
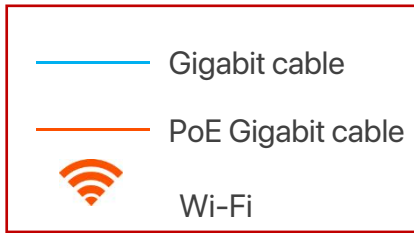
Support 802.3af standard PoE network cable power supply, no external power supply required. One network cable can be connected to the switch to achieve PoE power supply and data transmission, plug and play, no need to consider the location of the socket, power line routing and other issues, convenient 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 | i26 |
| Category | Ceiling |
| Dimension | φ176*43.5mm |
| Hardware Specifications | |
| Interface | One 10/100/1000 Mbps Ethernet Port (PoE) |
| Button | 1*Reset |
| LED indicator | 1*SYS |
| Maximum Power Consumption | 10.5W |
| Power Supply | PoE 802.3af |
| Max. Number of Clients | 256 |
| Recommended Clients | 50 |
| Antenna | 2*4dBi+2*4dBi |
| 2.4GHz maximum power | 11b mode, transmit power 22±1.5dBm 11g mode, transmit power 22±1.5dBm 11n mode, MCS7 transmit power 20±1.5dBm |
| 5GHz maximum power | 11a mode, transmit power 22±1.5dBm 11n mode, MCS7 transmit power 19±1.5dBm 11ac mode, MCS9 transmit power 15±1.5dBm 11ax mode, MCS11 transmit power 15±1.5dBm |
| Reception Sensitivity | 2.4GHz 802.11b -98dBm 2.4GHz 802.11n (MCS7) -77dBm 5GHz 802.11a -95dBm 5GHz 802.11n (40M-MCS7) -76dBm 5GHz 802.11ax (80M-MCS11) -64dBm |
| Frequency Range | 2.4GHz&5GHz |
| Standard & Protocol | IEEE 802.11b/g/n/ac/ax |
| Maximum wireless speed | 2.4GHz: 300Mbps 5GHz: 1201Mbps |
| Bandwidth | 20MHz/40MHz/80MHz |
| 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 |
| WEP | 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, Tenda CloudFi APP, AP Controller |

Technical Specifications

Software Specifications

| | |
|-----------------------|-----------|
| System logs | Supported |
| Firmware upgrade | Supported |
| Reset | Supported |
| Backup configuration | Supported |
| Restore configuration | Supported |

Others

| | |
|-----------------------|------------------------|
| Default IP | 192.168.0.254 |
| Operation Temperature | -10°C ~ 40°C |
| Operating Humidity | 10%~90% non-condensing |
| Storage Temperature | -30°C ~ 70°C |
| Storage Humidity | 5%~90% non-condensing |

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