Tenda



All for better networking.

i12

Wireless N300 Access Point

www.tendacn.com



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i12

Wireless N300 Access Point

What It Does

Tenda i12 is a 300Mbps ceiling AP,ideal for cost-effective wireless networks deployment for hotels,resorts,hospitals,office buildings,campus environments.i12 features 802.11n Wi-Fi and 2*2 MIMO technology,supports 300Mbps wireless speeds,with Broadcom 533MHz chipsets,ensures incredible wireless coverage and reliability.With Simple mounting design,i12 can be easily mount to a wall or ceiling.

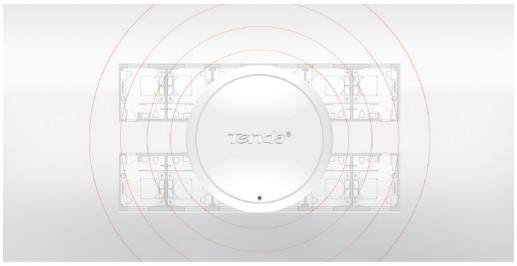
Main Features

- 2.4G 300Mbps
- One Gigabit port
- Compliant with PoE 802.3at
- VLAN Tagging for Multi SSID
- Centralized managed by AP controller



Ceiling Design

With the aesthetic ceiling Design,i12 can be integrated seamlessly into any wall or ceiling surface.The LED indicator simplifies deployment and configuration.



High Power Design

Adopt independent power implifier to improve RF output power.Thus,the wireless signal is stronger and the coverage is optimized.

Gigabit Ethernet Port

Up to 10X faster data transfer than tradinational Fast Ethernet.Ideal for streaming videos,VOIP,music,and multimedia applications.



Power Over Ethernet

The port on the back panel is PoE 802.3at compliant,which allows both power and data to be carried over a single Ethernet cable to i12.So the i12 can be deployed in areas where power outlets are scarce or not available.



Industrial Wireless Security

i12 offers multi-level wireless encryption options to prevent unauthorized access and protect your important data.

- 64/128/152-bit WEP, WPA / WPA2-Enterprise,WPA-PSK / WPA2-PSK
- Mac Address Filtering
- SSID to VLAN Mapping
- Client isolation and SSID isolation



Quality of Service (QoS)

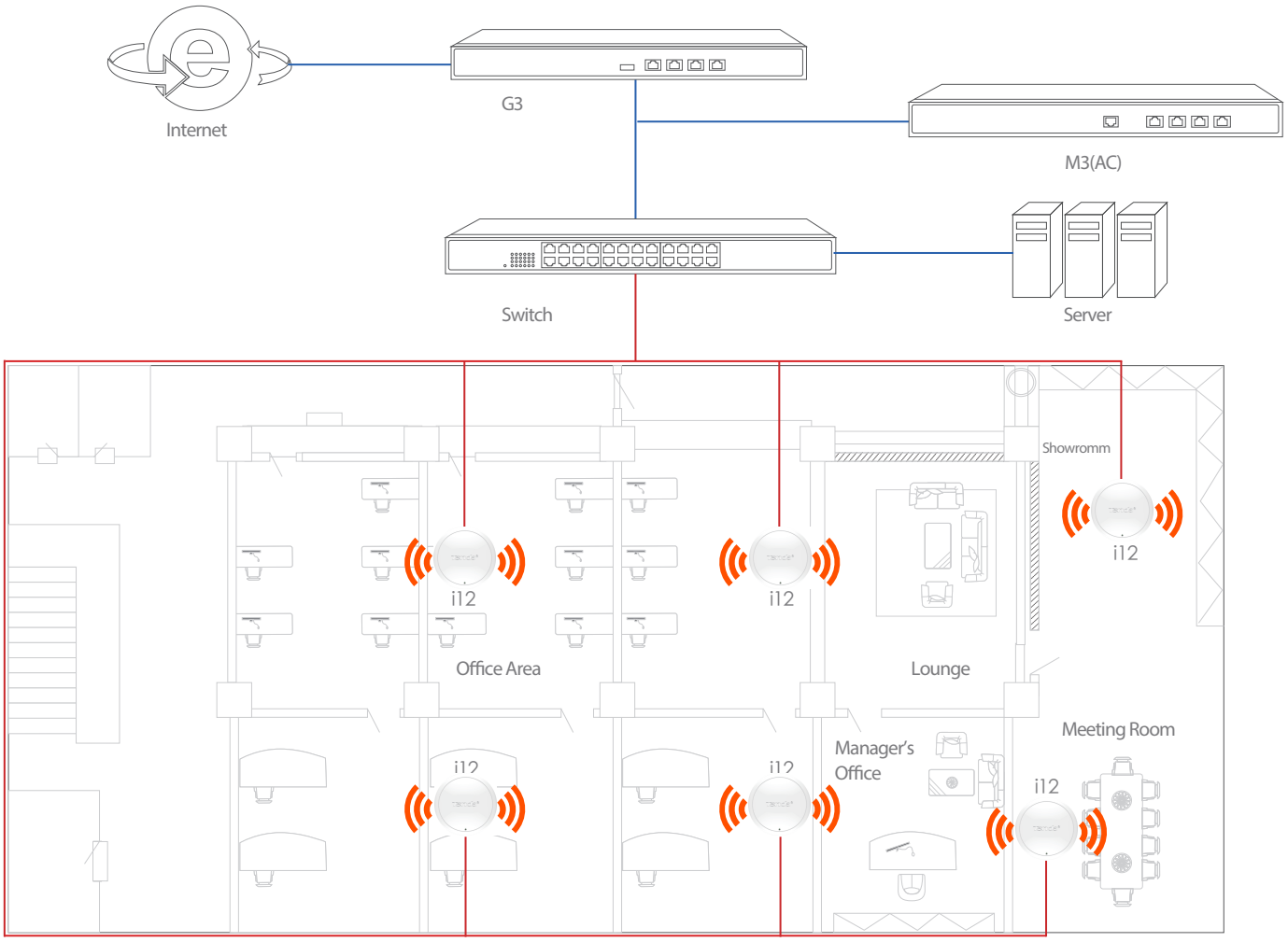
Prioritizes data,voice,and video applications to ensure time-sensitive traffic takes priority over all other traffic.



Centralized Managed by AP Controller

i12 can be managed by AP Controller M3 and bring easier deployment and management when you deploy multiple APs in the network.

Application Scenarios



Specifications

Hardware Features

Dimensions	144.2*144.2*40.12mm
Frequency Range	2.4GHz
Maximum wireless speed	300Mbps
CPU Processor	533MHz
Maximum Concurrent Clients	40
Interfaces	1*GE port
Antennas	Internal 2* 2dBi Omni
Maximum Power Consumption	11W
LED indicator	SYS
Power Supply	802.3at PoE/DC 12V=1A

Software Features

Operating mode	AP/Client+AP/Repeater
Compliant Standards	IEEE 802.11n/g/b
Wireless Features	Enable/Disable Wireless Radio
	SSID Hidden
	Wireless Client isolation
	Sensitivity Threshold
	WMM Capable
	Wireless Multicast Forwarding
	APSD Capable
	Wireless Access Control
	SSID-To-VLAN tagging
Wireless Security	64/128 WEP,WPA-PSK,WPA2-PSK,WPA&WPA2-PSK,WPA,WPA2
Transmission Power	Adjustable power by 1dBm
DHCP Server	DHCP Server
	Clients list
Schedule Reboot	Support
Page Timeout	Support
Network Diagnoses	Ping, Channel Scan
Management Tool	Time&Date Setting
	System Log
	Firmware update
	Backup/Restore Configuration
	Username Managerment

Specifications

Others

Package Contents	Wireless N300 Access Point i12
	1*Mounting Bracket
	1*Quick Installation Guide
	1*Ethernet cable
	1*Power Adapter
	4*Screws
	4*Plastic Bolt
Operating Temperature	-20℃ ~ 45℃
Storage Temperature	-30℃ ~ 70℃
Operating Humidity	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing
Default Settings	IP Address: 192.168.0.254
	Login Username:admin
	Login Password:admin
Certifications	FCC/CE/RoHS

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