

CA9600

300Mbps 802.11n Ceiling

Mount Access Point



Main Features

- Compact ceiling-mount design with optimized RF performance
- 600Mhz MTK7620A RF Chipset, 802.11b/g/n Support
- 64MB SDRAM + 8MB Flash Build-in for Higher Performance
- Gateway / Repeater / AP operation modes
- IEEE 802.3af or Passive 24V PoE supports up to 60 meter (180 feet) deployment
- Wireless LAN Controller Central Management Support

Descriptions

The CA9600 Series is a PoE Ceiling Mount Access Point (AP) that using concurrent 2.4 GHz and featuring the advanced 802.11n technology. The smoke detector look exterior makes the CA9600 Series perfect for indoor ceiling-mount installation; with the optimized antennas built-in, its design solves the common interference issue in ceiling-mount deployments. The AP supports multiple operating modes, such as AP, Gateway and repeater, which make it an ideal, flexible solution for small business, hotels and school environments.

AP Controller Support

It supports AP Controller for configuring, managing and monitoring multiple APs from one central location.

300Mbps Wireless N Speed –Extend Wireless Coverage

With wireless speeds of up to 300Mbps and advanced MIMO technology, the CA9600 provides you with a fast, reliable wireless connection for lag-free online gaming and video streaming.

High Power and Whole Coverage

Embed with signal amplifiers, the RF power can be 500mW, Internally equipped with 2X 2 multiple-input, multiple-output (MIMO) 3dBi antennas guarantee continuous Wi-Fi coverage range up to 200 meters. Several shielding cans along the circuit board reduce interference for reliable connections to more WiFi devices.

PoE Support for Flexible Deployment

Outdoor AP can use an Ethernet cable to simultaneously send data and electricity wherever the AP may be located, as far as 200 feet away. This feature multiplies deployment options, allowing you to place the AP in a position that is most convenient to get the best signal possible, such as on the wall or the ceiling of your office.

WPA / WPA2 Encryptions - Advanced Security

With the most attentive wireless security, the CA9600 High Power Wireless Access Point provides multiple protection measures. It can be set to turn off wireless network name (SSID) broadcast so that only stations that have the SSID can be connected. The AP provides wireless LAN 64/64/152-bit WEP encryption security, and WPA/WPA2 and WPA-PSK/WPA2-PSK authentication, as well as TKIP/AES encryption security.

Multiple Operation Modes

Versatile Access Point

- Bundled 24V/48V IEEE 802.3af power over Ethernet also provides flexible installation options in hard-to-wire locations.
- Supports Ping Watch Dog which enables the device to reboot itself if the device has any errors. This self-recover feature reduces the time spent manually configuring the device.

Specifications

Wireless	
Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Data Rate	300Mbps
Frequency Range	2.4~2.4835GHz
Wireless Transmit Power	11n MCS7:26±1dBm 11g 54Mbps:26±1dBm 11b 11Mbps:27±1dBm
Receive Sensitivity	11N MCS0@-83dBm ; MCS7@-65dBm 11G 54Mbps@-82dBm ; 6Mbps@-95dBm 11B 11Mbps@-85dBm ; 1Mbps@-95dBm
Operation Mode	Gateway, Repeater(Extender), AP(access point)
Wireless Security	64/64-bit WEP, WPA/WPA2, WPA /WPA2-Personal (TKIP/AES)
System Requirements	Windows 7/Vista/XP/2000, Mac OS®, Linux or Android OS, iOS
Hardware	
Chipset	MTK7620A
Flash	8MB
SDRAM	64MB
Interfaces	1 x WAN RJ-45 for 10/100 Mbps(POE) 1 x LAN RJ-45 for 10/100 Mbps 1 x Power DC Jack
Button	1 x Reset button(Reset & Factory Defaults)
LED indicator	WiFi, Power, System
Antenna	2x built-in 3dBi omni-directional Antenna
Power Supply	IEEE 802.3AF or POE 24V/12V1A;110V/220V

Dimensions(W x D x H)	168*168*35mm
Software	
Wireless Function	Distance Control (802.1x Ack timeout) Multiple SSID (4 SSID)
Security	WEP Encryption-64/64/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) Hide SSID MAC/IP Address &URL filtering Wireless STA (Client) connected list
DHCP	DHCP Server, DHCP Client
Network	Port Mapping, DMZ Host, Statics Routing, DDNS,UPNP
Management	Firmware Upgrade and backup, factory Reset, Restart, WEB management, log management, the PING tool
Others	
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Relative Humidity	10% ~ 90%, Non-condensing
Storage Humidity	5%~95%, Non-condensing
Certifications	CE,FCC,ROHS
Package Contents	1 x 300Mbps 802.11n Access Point 1 x Mounting kits 1 x English Installation Guide