

**Wireless N300 Ceiling Access Point
W300AP**

What It Does

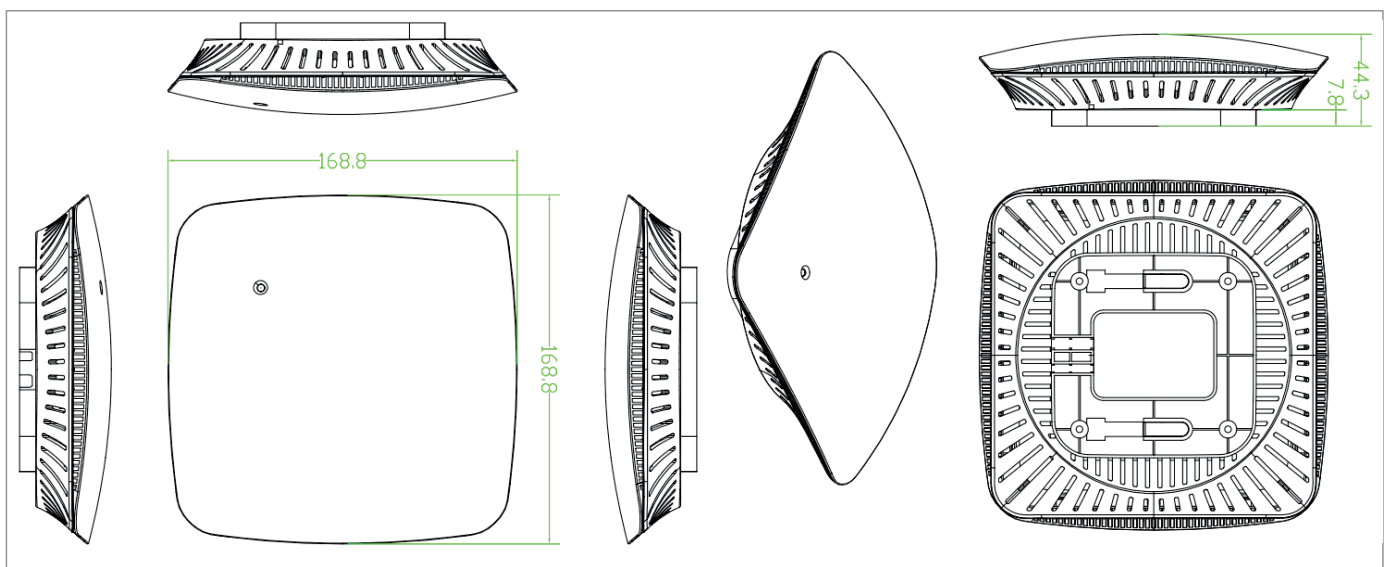
W300AP is 2.4GHz 300m fit AP. It works with Access Controller CW500 to provide the wireless solution for hotels, resorts, office buildings, campus or other environment. Adopt of ceiling design, W300AP can be mounted on the ceiling and wall inconspicuous. Compliant with PoE 802.3af, It can be deployed in areas where power outlets are scarce or not available through PoE switch.

Hardware Design

- Ceiling Design
- 300MHz Broadcom CPU
- 8MB series flash
- 32MB RAM
- 1 FE LAN port
- 1*Reset Button
- Compliant PoE 802.3af

Main Features

- FitAP
- Compliant IEEE 802.3u/3
- Compliant IEEE 802.11n/g/b
- 4 SSID
- Channel 1-13
- Maximum output power 20dbm
- QVLAN
- WEP/WPA-PSK/WPA2-PSK
- Maximum concurrent wireless clients up to 15
- Support reboot at regular time from CW500
- Support modify description from CW500 to identify location
- Support Reset from CW500
- Support upgrade firmware from CW500
- Centralized management by CW500

**Photo 1****Photo 2****Photo 3****Photo 4****W300AP Wireframe**

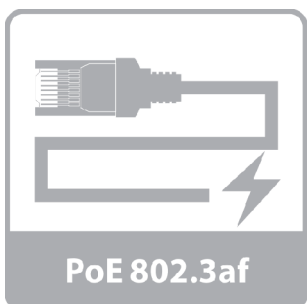
Highlights



W300AP transfer rates of up to 300 Mbps on the 2.4 radio for faster file transfers and smoother video streaming.



Adopt of aesthetic ceiling design, W300AP can be mount on ceiling or wall inconspicuous.



Compliant with PoE 802.3af, the port on the back panel allows both power and data to be carried over a single ethernet cable, so the W300AP can be deployed in areas where power outlets are scarce or not available.



W300AP can be configured to broadcast up to 4 SSID, each SSID can be tagged to a specified network VLAN for different user access based on established access rights.



W300AP can be managed by the Access Controller CW500, the network administrator can modify the description and manage SSID, Channel, Security, Output power more easily.

Hardware Specification

AP Type	Fit AP
Dimension	159X159X40mm
CPU	300MHz BCM5357C0
Interfaces	1*FE LAN Port
Antennas	2*3dbi printed antennas
LED indicator	SYS
Button	1*Reset
Maximum Consumption	6.5w
Power	PoE 802.3af
Operating Temperature	-10℃~45℃
Storage Temperature	-30℃~70℃
Operating Humidity	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing
Certifications	FCC/CE/Rohs

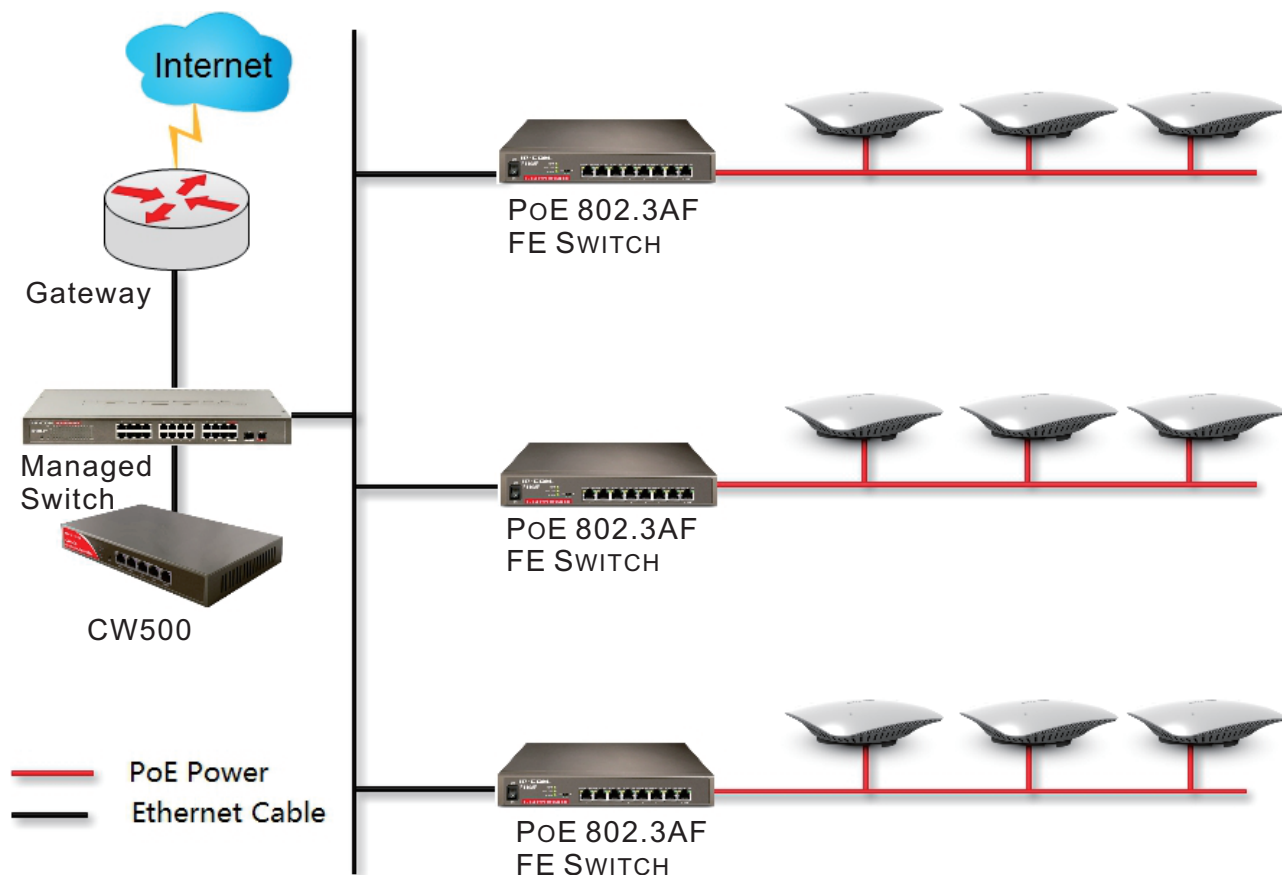
Software Specification

Compliant Standards	IEEE 802.11n/g/b
Maximum Concurrent Clients	15
Maximum output power	20dbm
LAN Setting	Dynamic IP
Wireless Basic Settings	4 SSID
	Channel 1-13
	Output power adjustable
	QLAN
Wireless Security Settings	64/128 WEP
	WPA-PSK
	WPA2-PSK
AP Management function	Centralized managed by CW500
	Support Reset from CW500
	Support upgrade firmware from CW500
	Support reboot at regular time

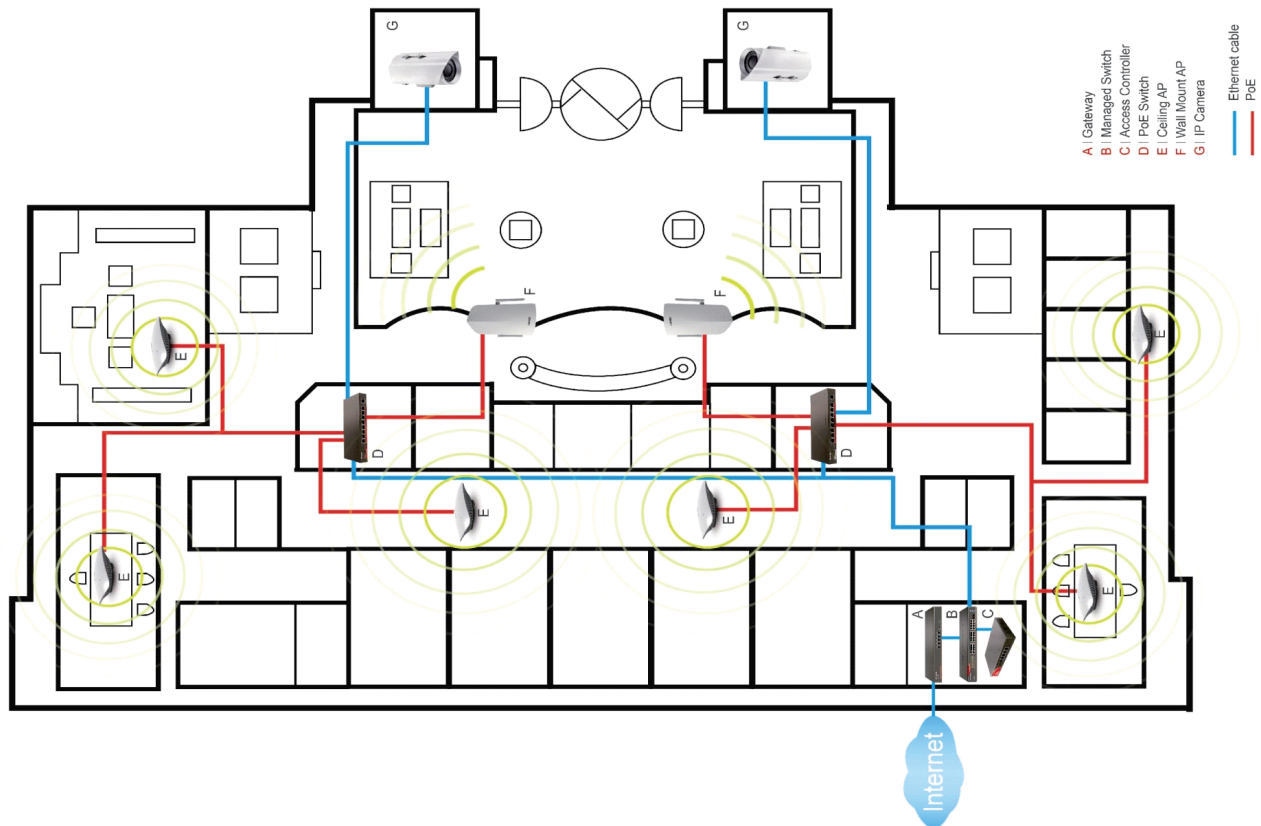
Application Introduction

W300AP is a 2.4G 300M fit AP. It works with CW500 to provide low cost wireless solution for retail & chain, economy hotel, Café etc. Adopt of Aesthetic ceiling design, the network administrator can mount the ceiling on wall. After, you power on the AP, you can scan the APs from the CW500 and modify the description for the AP to identify the location(eg.W300AP_R201) one by one. And then you can modify SSID, channel, security, output power for AP on the CW500 according your requirement. After you finished setting, you can monitor AP and wireless clients online status.

Network Topology



Deployment Scenarios



Café



Grocery



Economy Hotel



Office

IP-COM

IP-COM