

IP-COM[®]



300M Wireless Ceiling Access Point
W40AP

What It Does

W40AP is a 300Mbps indoor ceiling access point for hotels, resorts, hospitals, office buildings, universities, or other multi-building campus environments that need to extend and expand an existing wireless network . With the mounting bracket provided, W40AP can be mounted easily on a ceiling or wall.

W40AP adopts Independent power amplifier to enhance wireless signal for client devices, such as wireless laptops, tablets and smartphones. Compliant with 802.3af PoE, W40AP can be deployed in areas where power outlets are scarce or not available. Also, W40AP can be configured to work in access point, WDS Repeater, or Universal Repeater mode.



Main Features



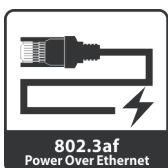
Ceiling Design

Featuring with ceiling Design, W40AP can be mounted easily on a ceiling or wall with the mount bracket.



Wireless N300 Speed

W40AP transfer rates of up to 300 Mbps on the 2.4 frequency bands for faster file transfers and smoother video streaming.



Power Over Ethernet(802.3af)

The port on the back panel is 802.3af capable, which allows both power and data to be carried over a single Ethernet cable to W40AP. And the W40AP can be deployed in areas where power outlets are scarce or not available.

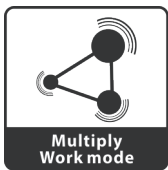


Industry Wireless Security

W40AP offers multi-level wireless encryption options to prevent unauthorized access and protect your important data.

1. 64/128bit WEP, WPA-PSK, WPA2-PSK, WPA&WPA2-PSK, WPA, WPA2

2. Wireless Access Control based on the mac address of wireless adapter



Multiple Operation mode

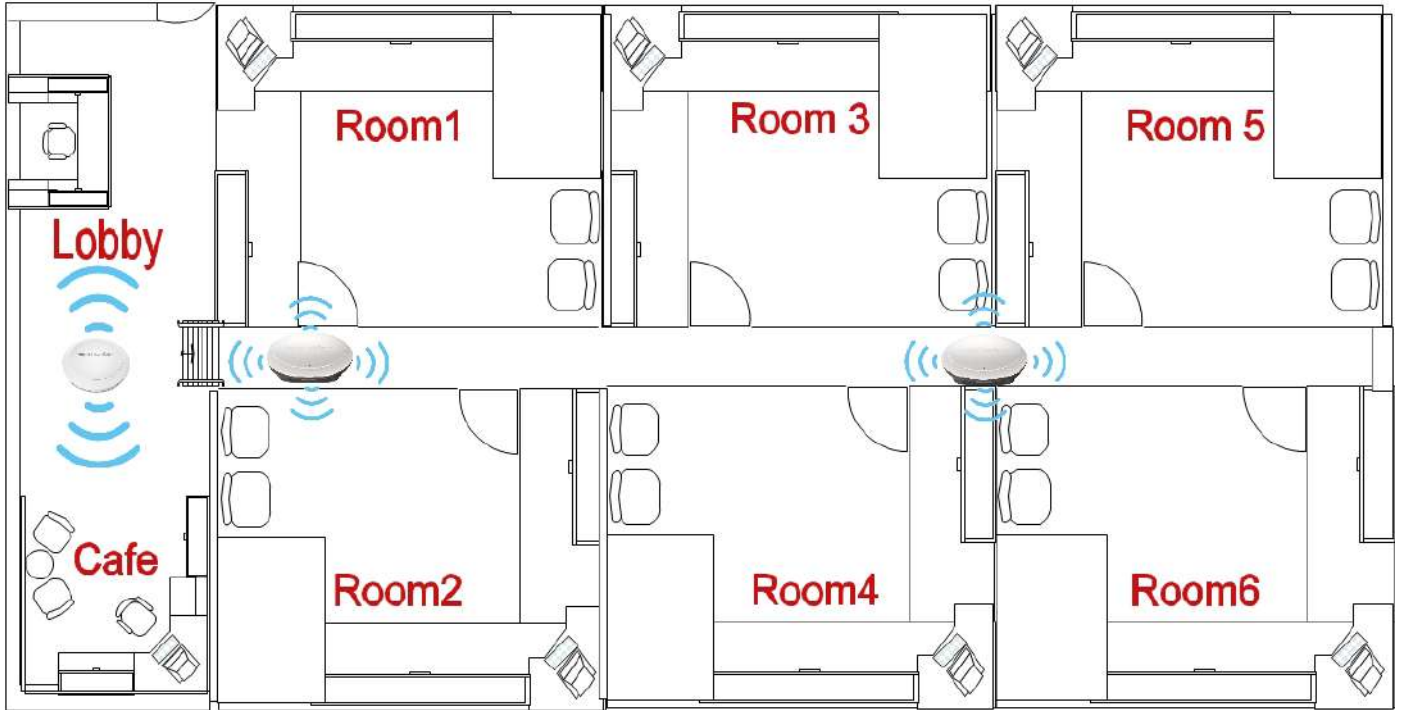
W40AP can be configured to work as wireless Access Point, WDS Repeater, Universal Repeater mode and help you expand existing network.



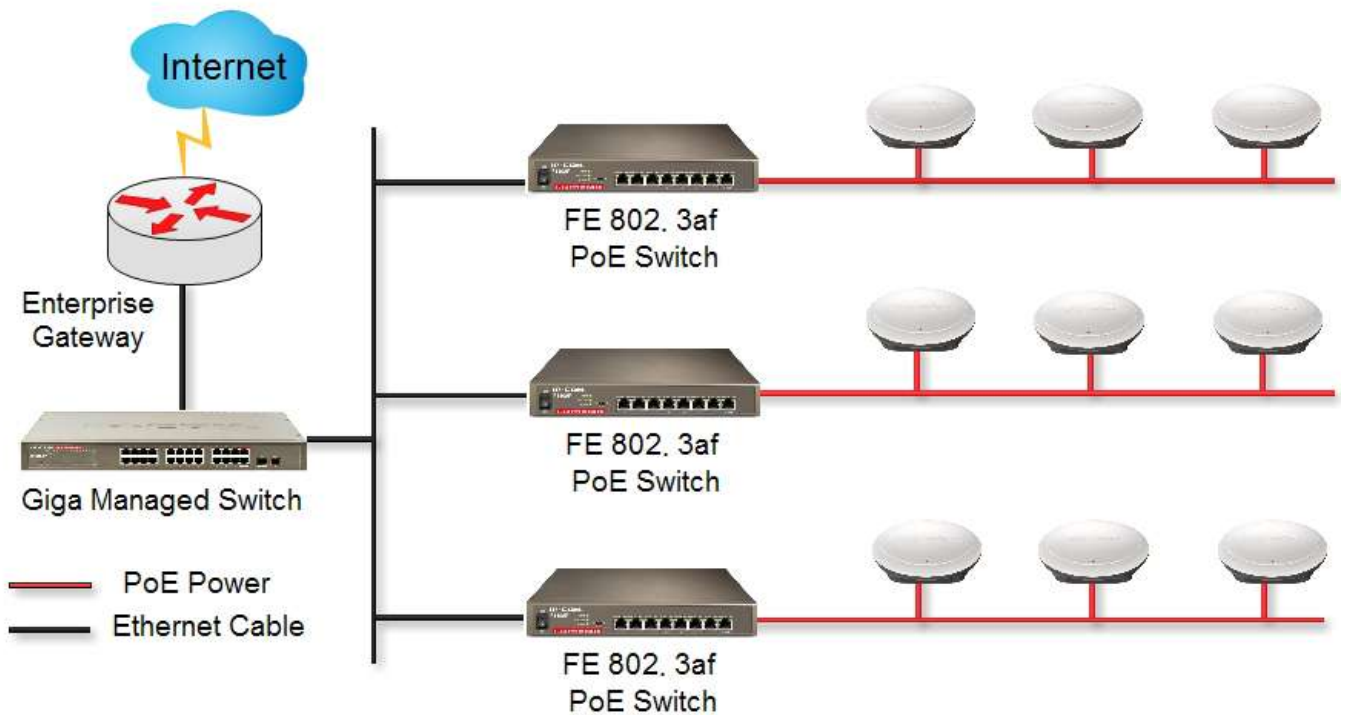
Centralized Management

W40AP can be managed by the hardware Access Controller, the administrator can monitor, manage and control the Aps more easily.

Deployment Scenarios



Solution Topology



Specification

Hardware Features	
Dimensions	144.2*144.2*40.12mm
AP Type	Fat AP
Interfaces	1*FE LAN
Antennas	2*2dbi printed antennas
Button	1*Reset
Power Method	802.3af PoE/DC 12V=1A
Maximum Power Consumption	8W
Maximum Transmit Power	20dbm
LED indicator	SYS
Software Features	
Compliant Standards	IEEE 802.11n/g/b
Frequency Range	2.4GHz-2.483GHz
Maximum wireless speed	300Mbps
Wireless Basic Settings	4 SSID Enable/Disable Wireless Radio Wireless Client isolation Wireless Access Control Wireless Client list
Wireless Security Settings	64/128 WEP WPA-PSK WPA2-PSK WPA&WPA2-PSK WPA WPA2
Working mode	AP, WDS, Universal Repeater
Maximum Concurrent Client	15
Receiver sensitivity	b mode : 1M -89dBm@8% 11M -87dBm@8%PER ; g mode : 54M -74dBm@8%PER ; n mode : 72.2M -72dBm@8%PER ; 150M -70dBm@8%PER

Modulation	MIMO-OFDM/OFDM/DSSS
LAN Settings	Static IP Dynamic IP
DHCP Server	DHCP Server Clients list
VPN Pass-Through	PPTP L2TP
Management Tool	SNMP(v1&v2c) Reboot System Log Firmware update Time&Date Setting Backup/Restore Configuration Username Management Diagnostic Tool(ping)
Others	
Package Contents	Wireless N300 Ceiling Access Point W40AP 1*Mounting Bracket 1*Quick Installation Guide 1*Ethernet cable 1*Resource CD 1*Power Adapter 4*Screws 4*Plastic Bolt
Operating Temperature	-10°C~45°C
Storage Temperature	-30°C~70°C
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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