IP-COM
World Wide Wireless

W175AP / W185AP
IP-COM Dual-Band 11ac Ceiling Access Point

Overview

W175AP/W185AP is dual-band ceiling wireless Access Point which can be deployed in high density environment such as Restaurant, Cafe, Hotel Lobby, Multi-Media Room etc. with 2.4GHz and 5GHz radio simultaneously. Provide perfect internet experience with 802.11ac technology. Combine with IP-COM Access Controller, can fulfill a whole hotel, office building etc. wifi coverage.

Ceiling Design

11AC 11AC Speed

Compliant with PoE 802.3at

High Performance Antennas

Gigabit Ethernet Port

Industry Wireless Security

Multiple Operation mode

SSID VLAN SSID-VLAN Tagging

Centralized Management

Main Features

Ceiling Design
With the aesthetic ceiling design, W175AP/W185AP can be deployed easily on ceiling or wall. Mounting kit included.

11AC Speed
Compliant with 802.11ac wireless standard can help you to avoid interference and maximize throughput for huge file transfer and HD video streaming.

Compliant with PoE 802.3at
Compliant with 802.af PoE standard, so PoE port can allows both power and data to be carried over a single Ethernet cable. Thus, W175AP/W185AP can be deployed more convenient in the areas where power outlets are scarce or not available.

High Performance Antennas
Pair with high quality antennas to maintain high speeds and provide excellent Wi-Fi coverage, reliability for wireless clients, such as laptop, smartphone, pad and so on.

Gigabit Ethernet Port
Up to 10X faster data transfer than traditional Fast Ethernet with great bandwidth capacity and speedy data transfer. It's ideal for Video Steaming, VoIP, Online Music and Multi-media Application.

Advanced Wireless Security
Offer 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
1.   Wireless Access Control based on the MAC address of client.

Multiple Operation Mode
Through Access Point, WDS Repeater and Universal Repeater mode to help you expand the network.

SSID to VLAN Tagging
Can be configured to broadcast up to 4 SSIDs at 2.4GHz, and each SSID can be tagged to a specified network VLAN for different user access base on access rights.

Centerized Management
Managed by IP-COM hardware Access Point Controller so that the administrator can easily monitor, manage and control the APs in network.

Specification

Model Number	W175AP	W185AP
Picture		
Hardware		
AP Type	Fat	Fat
Interface	2×GE	2×GE
Antenna	2.4GHz: 3×5dBi 5GHz: 2×5dBi	2.4GHz: 3×5dBi 5GHz: 2×5dBi
Reset Button	√	√
LED Indicator	Sys, 2.4G, 5G	Sys, 2.4G, 5G
PoE Standard	802.3at	802.3at
Max Transmission Power	17dBm	17dBm
Power Consumption	23W	24W
Software		
Wireless Standard	11a/b/g/n/ac	11a/b/g/n/ac
Frequency	2.4GHz & 5GHz	2.4GHz & 5GHz
SSID	2.4GHz: 8 5GHz: 4	2.4GHz: 8 5GHz: 4
Max Wireless Speed	1350M	1750M
Tx Power*	17dBm	17dBm
Video Concurrent Client	50	50
Max Concurrent Client	100+	100+
Wireless Basic Setting	Enable/Disable Wireless Radio; Wireless Access Control Wireless Client Isolation; Wireless Client List	
Wireless Security	64/128 WEP, WPA-PSK, WPA2-PSK, WPA&WPA2-PSK, WPA, WPA2	
Operating Mode	AP, WDS, Universal Repeater	
LAN Setting	Static IP; Dynamic IP	
DHCP Server	DHCP Server; Client 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		
Operating Temperature	-10℃~45℃	-10℃~45℃
Storage Temperature	-30℃~70℃	-30℃~70℃
Operating Humidity	10%~90% non-condensing	10%~90% non-condensing
Storage Humidity	10%~90% non-condensing	10%~90% non-condensing
Certification	FCC, CE, RoHS	FCC, CE, RoHS
Accessory	Adapter and PoE injector included	Adapter and PoE injector included

Tx Power*: International version Tx power is 17dBm, W175AP/W185AP high power up to 26dBm in 2.4GHz 20dBm in 5GHz for US only.

Related Products
CW500/CW1000
Access Controller

Overview

CW500/CW1000 is hardware controller can perfect match with all IP-COM Access Point (except Point to Point AP). Through IP-COM controller, can configure, manage and monitor APs. CW500 up to manage 32 APs and CW1000 up to manage 512 APs.

Easy to Deploy

Manage Multiple APs Simultaneously

Discover Access Point Automatically

Centralized Management

Main Features

Easy to Deploy

With deployment in by-pass mode you can connect IP-COM AC to your core switch without changing existed network topology and freely manage all IP-COM Aps.

Manage Multiple APs Simultaneously

Adoption of IP-COM latest firmware you can manage the Wireless APs simultaneously up to 512 APs and monitor 3000 online clients.
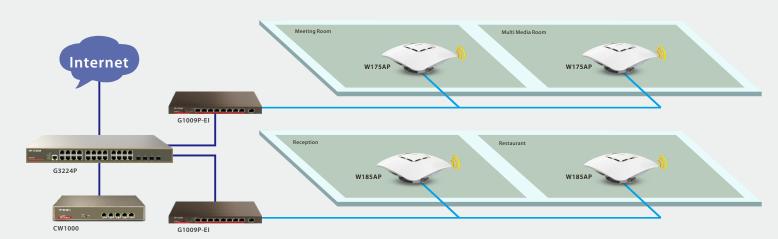
Discover Access Point Automatically

By function of automatic discovery you can easily find and position the installed APs through IP-COM AC Controller for convenient management and maintenance.

Centralized Management

Powerful functions for centralized management such as modify Device Description, SSID, Channel, Security, Output Power, Client Limit, Online Client Status, Batch Upgrade/Reboot/Reset, AP Failure Alarm and AP Traffic Alarm.

SOLUTION TOPOLOGY

— POE
— Gigabit Ethernet

Internet

Meeting Room — W175AP

Multi Media Room — W175AP

Reception — W185AP

Restaurant — W185AP

G1009P-EI

G3224P

CW1000

G1009P-EI

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