Dual-band 1200M ceiling AP

Datasheet

Model：W288AP

一、 Product Introduction

W288AP is a high-performance, high-speed indoor 11ac dual frequency ceiling AP that can provide up to 1200M wireless access, suitable for shopping malls, conference rooms, offices, and more.

二、 Product Features

- Simultaneously running 2.4GHz (300Mbps) and 5GHz (867Mbps) to achieve a maximum wireless throughput of 1200Mbps

- Support hardware watchdog function, automatic recovery of abnormal devices, maintenance free

- The heat dissipation fins are treated with a special surface coating, resulting in a more ideal heat dissipation effect.

- Support for 48V PoE

三、 Hardware parameters

Model	W288AP
Flash	SPI NOR 16MB
DDR	128MB
2.4G frequency band	2.4GHz – 2.484GHz
2.4G WIFI protocol	802.11 b / g / n
5G frequency band	5.150GHz ~ 5.850GHz

5G WIFI protocol	802.11 a / n / ac; /wave2
2.4G antenna	2*5dBi
5G antenna	2*5dBi
Maximum rate	2.4G：MAX 600Mbps， 5G：MAX 1200Mbps
WAN Port	1 * 10/100/1000M WAN port, support 48V POE
LAN Port	4 * 10/100/1000M LAN port(Port 1 can be used as a telephone port)
Power	DC2.0 12V ⎓ 1A，PoE 802.3af
Button	Reset button (long press for 6-10 seconds to restore factory configuration)
light	Three color lights (three different colors represent: sys red, 2.4G green, 5.8G blue)
Max Power	<14W
产品尺寸	186mm × 186mm × 36mm
weight	0.36kg
Evironment	Working Temperature：0°~40℃ Storage Temperature：-40℃～70℃ Working Humidity：10%~ 90% RH nun-condensing Storage Humidity：5%~ 90% RH nun-condensing
Safty Compliance	CE/ROHS/FCC/CCC

四、 Software Features

Mode	Gateway mode: The device connects to the wide area network through a WAN port and then uses static IP, DHCP, or PPPOE to connect to the internet AP mode: The device covers the wireless network signal to other clients or devices, and connects to other routers using Ethernet cables before accessing the wide area network
WiFi	SSID broadcast Number of SSIDs: 4 (2.4GHz)+4 (5GHz), supporting Chinese SSIDs Hide SSID function Wireless authentication methods: OPEN, WPA/WPA2-PSK Channel and channel bandwidth can be set Wireless MAC address filtering: supports whitelist (100) VLAN ID: The VLAN-ID range must be between 3 and 4094, where 0 indicates not enabled

	Spectrum navigation (5G priority)
	WiFi timed shutdown function
	User isolation: wireless network isolation, AP internal isolation
	Transmission power setting
	Limited number of wireless clients, supporting a maximum of 100 users
	Provides WIFI analysis functionality for the current environment
Network functions	IPv4 address: supports static addresses, obtains addresses from management servers, and obtains addresses from network administrators
	DHCP server: It can be either a built-in DHCP server or an external DHCP server
	Cloud Platform Server
	Firewall function
	PPPOE function: supports PPPOE dialing function
device management	Backup configuration information
	Restore Configuration Information
	Restore factory settings
	Reboot includes scheduled and immediate restarts
	Password modification
	Firmware upgrade, optional whether to restore factory settings after the upgrade is completed
	Time management includes system display time and time synchronization
	system log
	Fat and thin AP switching function