

WiFi6 Dual-band 1800M ceiling AP

Datasheet

Model : W618AP



一、 Product Introduction

W618AP is a high-performance, high-speed indoor 11ax dual frequency ceiling AP that can provide up to 1800M wireless access, suitable for shopping malls, conference rooms, offices, and more.

二、 Product Features

- Simultaneously running 2.4GHz (600Mbps) and 5GHz (1200Mbps) to achieve a maximum wireless throughput of 1800Mbps
- 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	W618AP
Flash	SPI NOR 16MB
DDR	128MB
2.4G frequency band	2.4GHz – 2.484GHz
2.4G WIFI protocol	802.11 b / g / n /ax
5G frequency band	5.150GHz~ 5.850GHz

5G WIFI protocol	802.11 a / n / ac; /ax
2.4G antenna	2*4dBi
5G antenna	2*4dBi
Maximum rate	2.4G : MAX 574Mbps , 5G : MAX 1201Mbps
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	<15W
产品尺寸	186mm × 186mm × 36mm
weight	0.4kg
Environment	Working Temperature : 0°~40°C Storage Temperature : -40°C~70°C Working Humidity : 10%~ 90% RH non-condensing Storage Humidity : 5%~ 90% RH non-condensing
Safety 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

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