

Wi-Fi 6 Wall-Plate Wireless Access Point

WI-AP419P



Overview

Using the IEEE 802.11ax Wi-Fi standard, the Wall-Plate AP delivers faster wireless speed. Adopt a variety of wall-mounted junction box designs, the AP can perfectly blend into existing decoration without any damage. Supporting 802af/at PoE or DC 48V Input, and 802.3af Output, the AP makes deployment more flexible. Users can quickly complete network-wide device deployment, configuration, remote management, and operation and maintenance, greatly reducing equipment costs, labor costs, and time costs for wireless network construction.

Features

Ultra-Fast Speed

This device offers 5 Gigabit RJ45 ports(4 LAN + 1 WAN) and adopts the 802.11ax Wi-Fi protocol. It provides a combined wireless speed of up to 3000 Mbps, which greatly improves the transmission efficiency.

PoE Input and Output

The AP's WAN port supports 802.3af/at PoE input, while its LAN1 port supports 802.3af PoE output. This allows the AP to transmit both data and power simultaneously through a single network port, making deployment more convenient and flexible.

Pass Through

A pass-through port acts as an extra network jack, providing a separate network connection that stays active even if the access point itself fails.

MU-MIMO Technology

Adopting MU-MIMO technology, the Wall-Plate AP can provide faster wireless speed and enable more accesses to the multiple devices at the same time, enhancing the user's online experiences.

Fast Roaming

The Wall-Plate AP supports fast roaming which realizes the switching between APs in milliseconds. The terminals such as phone, tablet automatically connects to the fastest AP as users move between APs.

Cloud Management

Wi-Tek Cloud's quick configuration provide reliable performance, visual management, and real-time monitoring, enhancing the efficiency of device management.

Easy Installation

Adopt a variety of compact and delicate wall-mounted designs, the Wall-Plate AP can be easily installed directly into 86mm and Standard US/EU wall junction box.

Specifications



Model	WI-AP419P
Hardware Version	V1
Hardware Features	
Memory	512MB RAM 128MB Flash
Interface	1*10/100/1000Mbps Base-T Ethernet Port (WAN port supports 802.3at PoE Input) 1*Pass Through RJ45 Port 1*Console Port 4*10/100/1000Mbps Base-T Ethernet Ports (LAN1 port supports 802.3af PoE Output) 1*USB 2.0
Button	1*Reset Button
Power Supply	PoE 802.3at or DC 48V
Power Consumption (Max)	24W(With PoE Out)
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac/ax
Max/ Recoomend Clients	128/ 80
Data Rates	2.4GHz: up to 574Mbps 5GHz: up to 2400Mbps
MIMO	2.4GHz: 2 x 2 5GHz: 2 x 2
Antenna	2.4GHz: 5dBi 5GHz: 5dBi
Frequency	2.4GHz, 5GHz
Channel Width	2.4GHz: 20/40MHz 5GHz: 20/40/80/160MHz
Max. TX power	20dBm
Coverage Range	60m ² Note: Data is acquired in an unobstructed ideal environment. Signal coverage radius depends on client performance and environmental interference.

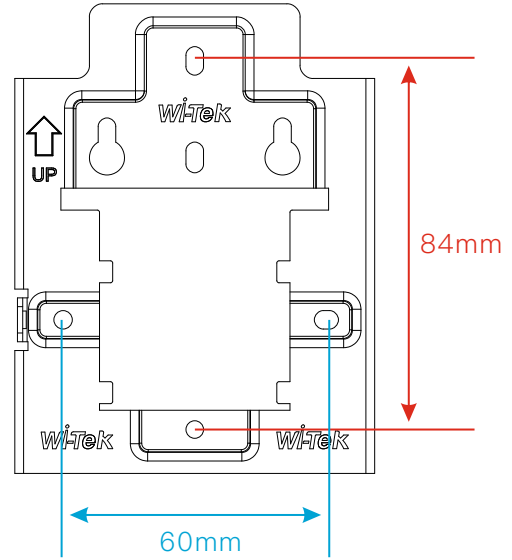
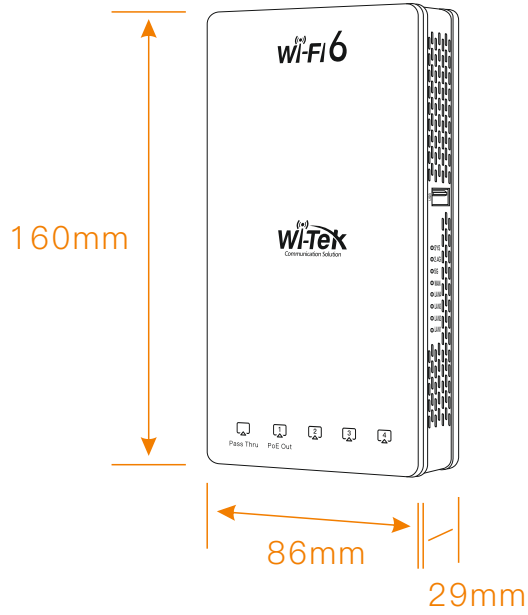
Model	WI-AP419P
Software Features	
Wireless Mode	Fit AP/Wireless Router
Network	LAN: Static IP, Dynamic IP WAN: Static IP, Dynamic IP, PPPoE Client
Wireless	Wireless Disable or Enable Modify SSID SSID Hiding
Wireless Security	WPA-TKIP, WPA2-AES, WPA3-PSK WPA/WPA2-Mixed, WPA2/WPA3-Mixed, WPA-Enterprise, WPA2-Enterprise
VLAN	Supports IEEE 802.1Q VLAN Supports SSID-to-VLAN mapping
Wi-Fi Schedule	Yes
RF Parameter	Adjustable Country Auto Channel Width Selection Automatic Frequency Selection Adjustable Transmission Power Max Associated STA (default: 128) Weak Signal Rejection Threshold (default: -95dBm) User Isolation (default: disabled) Supports Wi-Fi Multimedia (WMM)
Advanced	Multiple SSID (Up to 8 per radio) Ping Watchdog Scheduled Reboot DHCP Server NTP Server Diagnosis: PING, TRACERT
Status Monitoring	Base Info: LAN/WAN Info, Wireless Info, System Info Radio Status Real Time Flow Chart Wireless Terminal Station SSID List DHCP Client ARP Table Routing Table

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Management	<p>Quickly scan devices by discovery tools</p> <p>Web-based management by locally</p> <p>Support remote management by cloud platforms and applications</p> <p>Support AC management</p>
Environment	<p>Operating Temperature: -10°C~40°C(14°F~104°F)</p> <p>Storage Temperature: -40°C~70°C(-40°F~158°F)</p> <p>Operating Humidity: 5%~95%(non-condensing)</p> <p>Storage Humidity: 5%~95%(non-condensing)</p>
Others	
Certification	CE, FCC, RoHS, UKCA, RCM
Product Dimensions (LxWxH)	160*86*29mm
Packet Dimensions (LxWxH)	177*102*54mm
Product Weight	0.26kg

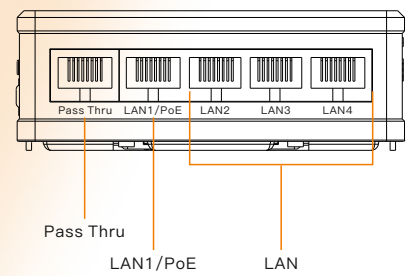
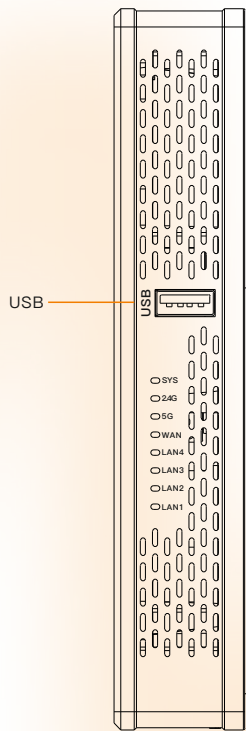
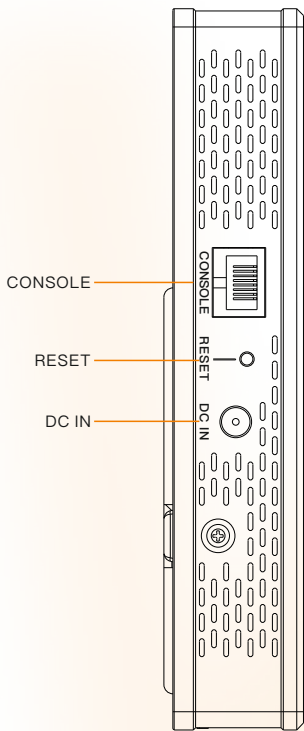
Model		WI-AP419P
Fast-Roaming AP Combo Recommendations		
Type	Model	Hardware Version
Ceiling-Mount	WI-AP217	V2
	WI-AP218AX	V2
	WI-AP219AX	V2
	WI-AP219AX-Lite	V1
	WI-AP229BE	V1
Wall-Plate	WI-AP419P	V1
Outdoor	WI-AP315	V1
	WI-AP316AX	V1
	WI-AP317	V1
	WI-AP510	V1
	WI-AP518AX	V1
	WI-AP520AX-D	V1

WI-AP419P

Dimensions (mm)



Side Panel



Package Contents

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
Wireless Access Point	1 pcs
M3x4 screw	1 pcs
M4x25 screw	2 pcs
Iron bracket	1 pcs
Quick Installation Guide	1 pcs



Wireless-Tek Technology Limited

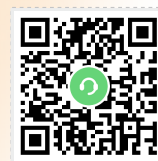
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Technical Support



Cloud Management



Company Website