

# Wi-Fi 6 Wireless Indoor Mesh Access Point with PoE Out

WI-AP719MP

## Overview

The WI-AP719MP Dual Band AX1800M Wi-Fi 6 Mesh AP is designed to cover your home or small shop, villa and more with roaming Wi-Fi, provides uninterrupted Wi-Fi throughout your home. For larger homes, simply add a Mesh node to the system to expand Wi-Fi coverage. It also provides one 802.3bt PoE input port and two 802.3at PoE output ports for different powered devices. In addition, the WI-AP719MP supports cloud management. Users can quickly complete network device deployment, configuration, remote management, and Operation and maintenance, greatly reducing equipment costs, labor costs, and time costs for wireless network construction.

## Features

### Mesh Technology

Quickly connect multiple access points without cables or configuration.

### Fast Dual-Band Wi-Fi

Wi-Fi 6 speeds up to 1800 Mbps, 1201 Mbps on 5 GHz and 574 Mbps on 2.4 GHz.

### High-Efficiency Wi-Fi 6

By introducing new technologies such as OFDMA, upstream MU-MIMO, BSS Coloring, and TWT, the system has greatly improved its performance. Compared with Wi-Fi 5, it has four times more bandwidth and concurrent users, with lower latency and more energy saving.

### PoE In and Out

Support 1 x IEEE802.3bt PoE IN+2 x IEEE802.3at PoE Out ports.

### Fast Roaming

802.11kvr fast roaming provides fast switching to the access point with the optimal signal when moving between APs.

### Cloud Management

The free cloud management platform simplifies a lot of equipment management time and reduces network supervision costs for network administrators.

### SD-LAN

The software defined local area network realizes the remote networking experience between the headquarters and branches.



# Specifications

| Products                   | WI-AP719MP   |
|----------------------------|--|
| Hardware Specifications    |  |
| Wireless Standards         | IEEE 802.11 ax/ac/n/b/g/a  |
| Operating Bands            | 2.4GHz & 5GHz  |
| Spatial Streams            | 2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO  |
| Antenna                    | 2.4GHz: 4dBi; 5GHz: 4dBi   |
| Power Consumption          | < 10W  |
| Signal Rate                | Up to 574 Mbps at 2.4GHz<br>Up to 1201 Mbps at 5GHz  |
| Interface                  | (3)10/100/1000M Base-T LAN Ethernet ports  |
| PoE Port                   | 1*PoE In+2*PoE Out   |
| Power Supply               | 802.3bt 60W PoE Supported; DC 12V/1.5A   |
| Maximum Transmit Power     | 2.4GHz: 19dBm 5GHz: 17dBm  |
| External Buttons           | reset button (long press for 8 seconds to restore the factory default configuration)   |
| Dimensions                 | 270mm * 190mm * 68mm   |
| Environment                | Operating Temperature: -10°C~55°C<br>Storage Temperature: -40°C~70°C<br>Operating Humidity: 5%~95% (non-condensing)<br>Storage Humidity: 5%~95% (non-condensing) |
| Software Features          |  |
| Operating Mode             | Router Mode and AP Mode  |
| Internet Connection Type   | Static IP, DHCP, PPPoE Dial Up   |
| Network Security           | Guest Wi-Fi: Hide SSID; Wi-Fi Isolate  |
|                            | Parental Control; IP/MAC binding   |
|                            | Wireless Security: WPA-PSK/WPA2-PSK/WPA3-SAE   |
| Advanced Features          | Mesh: Supports zero-configuration networking of multiple devices, and supports automatic switching between wired and wireless networking for multiple devices.   |
|                            | Wi-Fi optimization: Wi-Fi roaming, channel adjustment, power adjustment  |
|                            | Firewall: Forbid TCP/UDP flood attack  |
|                            | Application: Port Forwarding; SD-LAN; Open VPN;  |
|                            | Software upgrade: Firmware upgrade online or Firmware upgradeable via browser  |
|                            | Diagnostics Utilities: Ping; IPV4 Traceroute; Nslookup   |
| Management and Maintenance | Support local management with web<br>Support remote management with Wi-Tek Cloud platform  |

# Package Content

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

| Items                    | Quantity |
|--------------------------|----------|
| WI-AP719MP               | 1 pcs    |
| 48V/0.63A PoE Injector   | 1 pcs    |
| Power Cable              | 1 pcs    |
| Ethernet Cable           | 1 pcs    |
| Quick Installation Guide | 1 pcs    |



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Technical Support



Cloud Management



Company Website