Datasheet

Wireless Outdoor Mesh Access Point

WI-AP718M

Overview

WI-AP718M is a Gigabit dual-band wireless mesh AP designed for gardens, backyards, shopping malls and other outdoor scenarios. Coming with Wi-Fi standard 802.11ac Wave2, WI-AP718M provides wireless speed of up to 1167Mbps. Additionally, supporting MU-MIMO technology, WI-AP718M provides faster wireless speed and ensures more stable connections to client terminal at the same time. In the meanwhile, WI-AP718M can realize automatic network optimization and routing selection, which creates more flexible and efficient wireless network.

Features

MU-MIMO Technology

Adopting MU-MIMO technology, WI-AP718M can provide faster wireless speed and stable connection, enhancing the users' online experience.

Mesh Technology

With Mesh technology, WI-AP718M can realize quick connections with multiple access points to enlarge network coverage. Besides, it also realizes network self-healing if one of the notes fails.

Excellent Environmental Adaptability

WI-AP718M offers an IP65-rated enclosure that fulfills waterproof, dustproof, and damp-proof requirements to withstand harsh environments such as wind erosion, rain, and dust. The features greatly lengthen the equipment life span and effectively reduce the maintenance cost.

Wi-Tek Cloud Management Platform

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

Specifications

Model	WI-AP718M
Hardware Specifications	
Hardware Version	V1
Memory	DDR3: 256MB Flash: 16MB
Interface	1*10/100/1000Mbps RJ45 Port 1*Reset Button (long press for 8 seconds to restore the factory default configuration)
Power Supply	802.3af/at PoE-In
Power Consumption (max)	12W
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac
Data Rates	2.4GHz: up to 300Mbps 5GHz: up to 867Mbps
MIMO	2.4GHz: 2 x 2MIMO 5GHz: 2 x 2 MIMO
Antenna	2.4GHz: 5dBi 5GHz: 5dBi
Frequency	2.4GHz ~ 2.483GHz 5.18GHz ~ 5.825GHz *Please follow national regulations to select the appropriate frequency.
Channel Width	2.4GHz: 20/40MHz; 5GHz: 20/40/80MHz
Max. TX power	2.4GHz: 24dBm 5GHz: 26dBm
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

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: 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 Support remote management with Wi-Tek Cloud platform
Others	
Certification	CE, FCC, RoHS, UKCA, RCM
Product Dimension	160*170mm
Package Dimension	295*277*175mm
Product Weight	0.4kg
Package Weight	1.42kg
Environment	Operating Temperature: -20℃ ~ 55℃(-40℉ ~ 158℉) Storage Temperature: -40℃ ~ 70℃(-40℉ ~ 185℉) Operating Humidity: 5% ~ 95% (non-condensing) Storage Humidity: 5% ~ 95% (non-condensing)

Package Contents

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

Items	Quantity
WI-AP718MP	1 pcs
48V PoE Adapter	1 pcs
Hold hoop	1 pcs
Bracket	1 pcs
Screws	2 pcs
Hex wrench	1 pcs
Quick Installation Guide	1 pcs

CE FC RoHS UKCA

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