Datasheet

1200Mbps Outdoor Mesh Wi-Fi

WI-AP718M
Hardware Version: V2.0

Overview

WI-AP718M is an outdoor Mesh Wi-Fi designed to enlarge Wi-Fi signal coverage, making it ideal for villas, swimming pools, gardens etc. For certain scenarios, simply add a Mesh node for expanded Wi-Fi coverage. Coming with Wi-Fi standard 802,11ac, WI-AP718M provides wireless speed of up to 1200Mbps. Additionally, it supports 802.3af PoE input, making network deployment more flexible. In the meanwhile, supporting MU-MIMO technology, WI-AP718M provides faster wireless speed and ensures more stable connections to client terminals at the same time. WI-AP718M can realize automatic network optimization and routing selection, which creates the more flexible and efficient wireless network.

Features

EasyMesh Technology

(Note: Easymesh devices can be networked only with devices that support Easymesh standard)

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

MU-MIMO Technology

Adopting MU-MIMO technology, WI-AP718M can provide faster wireless speed of up to 1200Mbps and enable more access to multiple devices up to 60 at the same time, enhancing the users online experiences.

IP65 Weatherproof Enclosure

Equipped with IP65 weatherproof enclosure, it enables normal operation and stably lag-free connections to the terminals even in harsh outdoor environments.

Ensures a smooth and lag-free network with Fast Roaming

With fast roaming technology, it ensures users can always stay connected and enjoy a smooth network experience when moving around by switching clients automatically to the Mesh Wi-Fi with the best signal.

802.3af PoE Input

WI-AP718M supports 802.3af PoE power Input via one RJ45 cable, making network deployment easier and more flexible.

Wi-Tek Cloud Management

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

Specifications

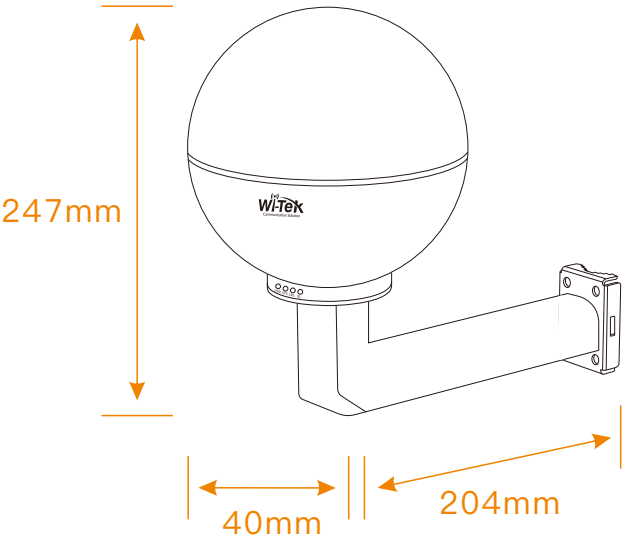| Model	WI–AP718M
Hardware Version	V2.0
Hardware Features	
Memory	RAM: 128MB Flash:16MB
Interface	1*10/100/1000Mbps RJ45 WAN Port 1*Reset Button (long press for 8 seconds to restore the factory default configuration)
Power Supply	802.3af PoE Input
Max. Power Consumption	12W
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac
Data Rates	2.4GHz: up to 300Mbps 5GHz: up to 867Mbps
MIMO	2.4GHz: 2x2 MIMO 5GHz:2x2 MIMO
Antenna	2.4GHz: 5dBi 5GHz: 5dBi
Frequency	2.4GHz ~ 2.484 GHz 5.150GHz ~ 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

Model	WI–AP718M
Receiver Sensitivity	**2.4GHz:** 802.11b: –95dBm@1Mbps –84±1.5dBm@11Mbps 802.11g: –93dBm@6Mbps –73dBm@54Mbp 802.11n 20MHz: –92dBm@MCS0 –73dBm@MCS7 802.11n 40MHz: –89dBm@MCS0 –70dBm@MCS7 **5GHz:** 802.11a : –94dBm@6Mbps –72dBm@54Mbps 802.11n 20MHz: –93dBm@MCS0 –71dBm@MCS7 802.11n 40MHz: –90dBm@MCS0 –68dBm@MCS7 802.11ac 20MHz: –93dBm@MCS0 –67dBm@MCS9 802.11ac 40MHz: –90dBm@MCS0 –62dBm@MCS9 802.11ac 80MHz: –87dBm@MCS0 –59dBm @MCS9

Software Features	
Operating Mode	Router Mode
WAN Type	Dynamic IP, Static IP, PPPoE
Protocols	IPv4, IPv6
DHCP	DHCP Server, DHCP Pool, DHCP, DHCP Lease, DNS Server, Host List
Routing	Routing Table, ARP Table
Wireless	Enable/disable SSID, Hide SSID, Wi–Fi Isolate Multiple SSID, Wireless Statistics Wi–Fi Schedule, Wi–Fi Multimedia (WMM)
Radio	Region Adjustment Channel Adjustment Bandwidth Adjustment Tx Power Adjustment Weak Signal Threshold Setting
Wireless Security	WPA–PSK(TKIP), WPA2–PSK(TKIP,CCMP), WPA2–PSK(CCMP), WPA2/PA3–PSK(CCMP,SAE), WPA3–PSK(SAE), WPA–Enterprise, WPA2–Enterprise

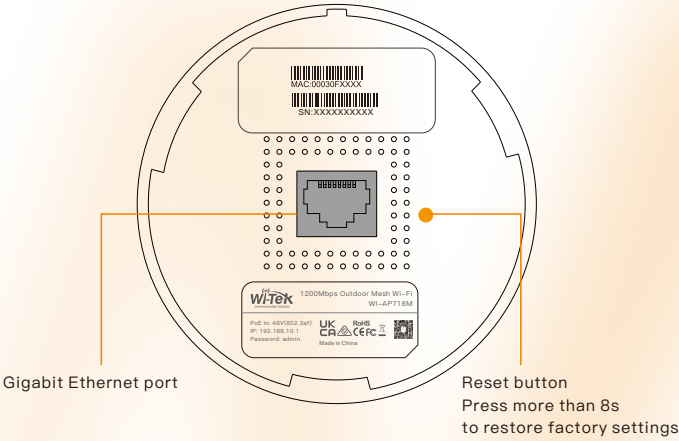| Model	WI–AP718M
Mesh	EasyMesh
Port Forwarding	Port Mapping, DMZ, UPnP
Access Control	Source/Destination IP Based Access Control, Wireless Blacklist/Whitelist
Advanced Applications	SD–LAN
System	Scheduled Reboot Ping Watchdog Diagnostics : Ping, Traceroute Restore & Backup Firmware update via Web NTP
Management	Support local management with web Support remote management with Wi–Tek Cloud platform and APP
Others	
Certification	CE, FCC, RoHS, UKCA, RCM
Product Dimension(with bracket)	247mm*204mm*40mm
Package Dimension	295mm*277mm*175mm
Product Weight	0.4kg
Package Weight	1.42kg
Environment	Operating Temperature: –20℃~55℃(–4℉~131℉) Storage Temperature: –40℃~70℃(–40℉~158℉) Operating Humidity: 5%~95% (non–condensing) Storage Humidity: 5%~95% (non–condensing)

WI−AP718M

Dimensions (mm)

247mm

40mm

204mm

Wi-Tek

Back Panel

MAC:00030FXXXX
SN:XXXXXXXXXX

Wi-Tek
1200Mbps Outdoor Mesh WI−FI
WI−AP718M
PoE In: 48V(802.3af)
IP: 192.168.10.1
Password: admin

Gigabit Ethernet port

Reset button
Press more than 8s
to restore factory settings

Package Contents

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

Items	Quantity
WI–AP718M	1 pcs
Mounting Accessories	1 pcs
48V PoE Adapter	1 pcs
Quick Installation Guide	1 pcs

CE FC RoHS UKCA

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