Wi-Fi 6 Wireless Mesh Router

WI-AX1800M

Overview

WI-AX1800M is a gigabit dual-band mesh Wi-Fi 6 wireless router, suitable for large apartments, duplex apartments, villas, small and medium-sized shops, and other scenarios. In addition, multiple routers can be quickly connected without cables or configuration, which solves the configuration challenges of multi-device networking and adding new devices. The router supports the next-generation Wi-Fi 6 standard at 2.4 GHz and 5 GHz. The maximum wireless rate is 574Mbps at 2.4 GHz, the maximum wireless rate is 1201Mbps at 5 GHz, and the concurrent rate can reach 1775Mbps. The recommended number of connected wireless terminals is 100, which is 50% more than that supported by Wi-Fi 5.

Features

Powerful Mesh Wi-Fi 6

Ultra-fast Wi-Fi with Mesh Wi-Fi 6 technology, the signal is stronger and the capacity is larger in intensive usage scenarios.

Ultra-Fast Wi-Fi 6 Speeds

Simultaneous 574 Mbps on 2.4 GHz and 1201 Mbps on 5 GHz totals 1775 Mbps Wi-Fi speeds.

Fast Roaming

Users can move around the Wi-Fi coverage area without service interruption.

SD-LAN

Support SD-LAN, provide remote network construction experience between headquarters and branches.

Cloud Management

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

Specifications

Products	WI-AX1800M
Hardware specifications	
Wireless Standards	IEEE 802.11ax/ac wave2/wave1/n/b/g/a
Operating Bands	2.4GHz & 5GHz
Spatial Streams	2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO
Signal Rate	Up to 574Mbps at 2.4GHz Up to 1201Mbps at 5GHz
Interface	(3)10/100/1000M Base-T LAN Ethernet ports (1)10/100/1000M Base-T WAN Ethernet ports
Power Supply	DC 12V/1.5A
Power Consumption	<16W
External Buttons	reset button (long press for 8 seconds to restore the factory default configuration)
Dimensions	188mm * 133mm * 27mm
Environment	Operating Temperature: -20°C~55°C Storage Temperature: -40°C~70°C Operating Humidity: 5%~95% (non-condensing) Storage Humidity: 5%~95% (non-condensing)
Software Features	
Operating Mode	Router 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 Support remote management with Wi-Tek Cloud platform