1200Mbps Dual-Band Wireless Mesh Router with PoE Passthrough

WI-R3

Overview

WI-R3 is a gigabit dual-band wireless router with PoE Passthrough function, which obtains power from an upstream PoE switch or adapter and passes the power to other PoE devices, such as CPE and camera devices, suitable for a wide range of home scenarios. Also, 867 Mbps on the 5 GHz band and 300 Mbps on the 2.4 GHz band are ideal for both everyday tasks and lag-free online entertainment.

Features

Mesh Technology

Quickly connect multiple access points without cables or configuration.

PoE Passthrough

PoE passthrough refers to routers that obtain power from upstream PoE switches or adapters and pass the power to other PoE devices, such as CPEs and cameras.

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.

Wi-Fi Roaming

Enjoy the best signal wherever you go.

OpenVPN

Realize VPN uninterrupted on-demand connection between headquarters and branch companies in different places.

Specifications

Products	WI-R3	
Hardware Version	V1	
Hardware Specifications		
Wireless Standards	IEEE 802.11 ac wave1/n/b/g/a	
Interface	(3)10/100M Base-T LAN Ethernet ports (1)10/100M Base-T WAN Ethernet port	
Operating Bands	2.4GHz & 5GHz	
Spatial Steams	2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO	
Antenna	2.4GHz: 5dBi ; 5GHz: 5dBi	
Signal Rate	Up to 300 Mbps at 2.4GHz Up to 867 Mbps at 5GHz	
Maximum Transmit Power	20dBm	
Power Supply	DC 12V-54V, 24V Passive PoE, 802.3af/at (Included 52V 1.25A DC power adapter in packing box) * DC 12V only supplies power to the R3	
PoE Port	Input	LAN1 24V Passive PoE, 802.3af/at
	Output	WAN:LAN3、LAN2、24V or 48V passive PoE *The maximum PoE passthrough output is 12W
Max. Power Consumption	6W(Excludes PoE output)	
Buttons	reset button (long press for 8 seconds to restore the factory default configuration)	
Dimensions	235mm×160mm×32mm	
Environment	Operating Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 70°C Operating Humidity: 5% ~ 95% (non-condensing) Storage Humidity: 5% ~ 95% (non-condensing)	
Software Features		
Operating Mode	Router Mode, 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	
	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	

Power Type	Input	Output	Pin
DC IN	12V	N/A	N/A
	24V	24V Passive	4/5(V+),7/8(V-)
	48V	48V Passive	4/5(V+),7/8(V-)
PoE IN	802.3af/at	48V Passive	4/5(V+),7/8(V-)
	24V Passive	24V Passive	4/5(V+),7/8(V-)
	48V Passive	48V Passive	4/5(V+),7/8(V-)

Note:
The WI-R3 maximum power does not exceed 6W
The maximum PoE passthrough output is 12W

Package Content

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

Items	Quantity
WI-R3	1 pcs
Network Cable	1 pcs
Quick Installation Guide	1 pcs
52V DC injector	1 pcs

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Technical Support

Cloud Management

Company Website

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