

Datasheet

Wi-Fi 5 1200Mbps Dual-Band SD-LAN Wireless Router

WK-R1200



Overview

WK-R1200 is a high-performance wireless router which provides wireless speed of up to 1200Mbps, making it ideal for CCTV, office, and home scenarios. Equipped with 1 100Mbps RJ45 WAN Port and 3 100Mbps RJ45 LAN Port, WK-R1200 provides simple and reliable wired connections to Laptops, PCs or IP Cameras. With 2x2 MIMO technology, ensures fast Wi-Fi for smooth video streaming and file downloading. With 4 working modes all in one (Wireless Router, Access Point, Repeater, WISP mode), WK-R1200 can meet the demand for different networking scenarios.

Highlights

- . Complied with 802.11ac, wireless speed of up to 1200Mbps
- . Support EasyMesh technology, which makes router units work together to boost Wi-Fi Coverage
 - *Note: EasyMesh devices can be networked only with devices that support EasyMesh standard.
- . 3 100Mbps RJ45 LAN ports, provides ample access to wired clients
- . 2x2 MIMO technology provides smooth Wi-Fi experience
- . 4x 5dBi External Omni-directional Antennas
- . Four working modes all in one, caters to multiple networking scenarios
- . SD-LAN technology provides centralized control, making it easy to manage your network infrastructure
- . Wi-Tek Cloud Management for easy management and maintenance

Specifications



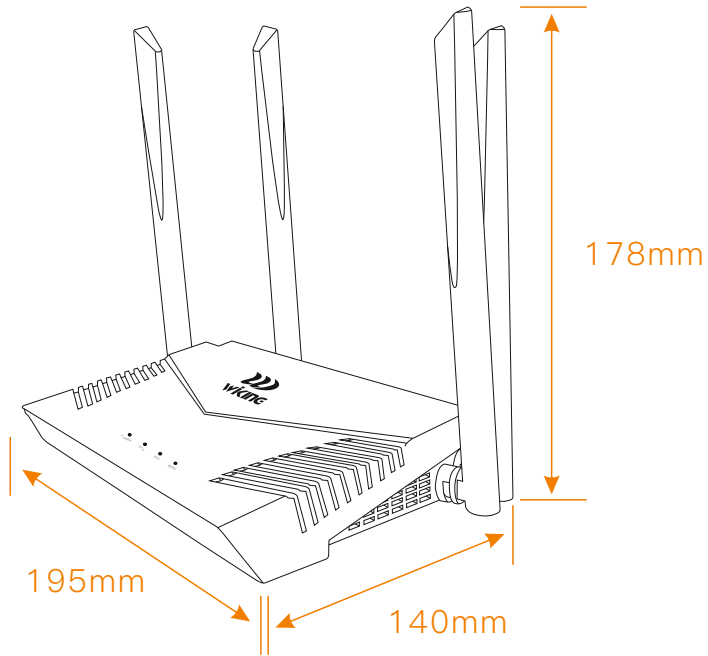
Model	WK-R1200
Hardware Version	V1.0
Hardware Features	
Memory	RAM: 64MB Flash: 16MB
Interface	WAN: 1*10/100Mbps RJ45 Port LAN: 3*10/100Mbps RJ45 Port
Max. Power Consumption	11W
Power Supply	DC 12V/1A
Button	MESH Button Reset Button (long press for 8 seconds to restore the factory default configuration)
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac
Max/ Recommended Clients	48/ 36
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: 2.4GHz ~ 2.484 GHz 5GHz: 5.150 ~ 5.850 GHz *Please follow national regulations to select the appropriate frequency.
Channel Width	20/40/80MHz
Max. TX power	2.4GHz: 23dBm 5GHz: 22dBm

Model	WK-R1200
Receiver Sensitivity	<p>2.4GHz:</p> <p>802.11b: -97dBm@1Mbps -89dBm@11Mbps 802.11g: -94dBm@6Mbps -77dBm@54Mbps 802.11n 20MHz: -75@MCS7 802.11n 40MHz: -72dBm@MCS7</p> <p>5GHz:</p> <p>802.11a: -94dBm@6Mbps -76dBm@54Mbps 802.11n 20MHz: -74@MCS7 802.11n 40MHz: -71dBm@MCS7 802.11ac 20MHz: -71MCS8 802.11ac 40MHz: -66dBm@MCS9 802.11ac 80MHz: -62dBm@MCS9</p>
Software Features	
Operating Mode	Wireless Router, Access Point, Repeater, WISP
Advanced Applications	EasyMesh SD-LAN
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 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

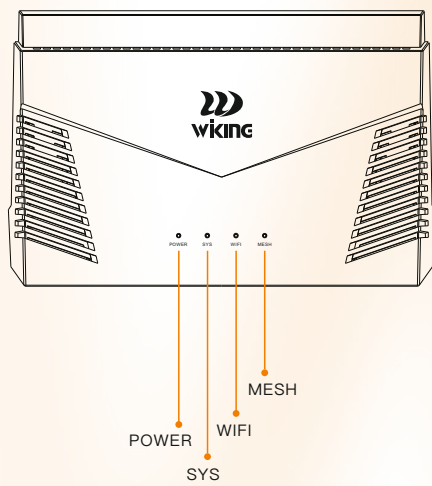
Model	WK-R1200
Port Forwarding	Port Mapping, DMZ
Access Control	Source/Destination IP Based Access Control, Wireless Blacklist/Whitelist
VPN Client	PPTP, L2TP
System	<p>Scheduled Reboot</p> <p>Ping Watchdog</p> <p>Diagnostics : Ping, Traceroute</p> <p>Restore & Backup</p> <p>Firmware update via Web</p> <p>NTP</p> <p>Enable/disable ONVIF</p>
Management	<p>Support local management with web</p> <p>Support remote management with Wi-Tek Cloud platform and APP</p>
Others	
Certification	CE, FCC, RoHS, UKCA, RCM
Product Dimension	195mm*140mm*25mm
Environment	<p>Operating Temperature: -10°C~55°C(14°F~131°F)</p> <p>Storage Temperature: -40°C~70°C(-40°F~158°F)</p> <p>Operating Humidity: 10%~95% (non-condensing)</p> <p>Storage Humidity: 5%~95% (non-condensing)</p>

WK-R1200

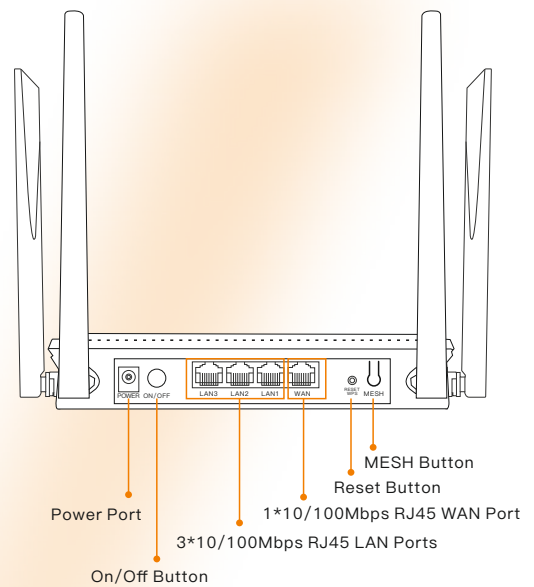
Dimensions (mm)



Front Panel



Rear Panel



Package Contents

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

Items	Quantity
Wireless Router	1 pcs
Ethernet Cable	1 pcs
Quick Installation Guide	1 pcs
Power Adapter	1 pcs






RoHS

Wireless-Tek Technology Limited

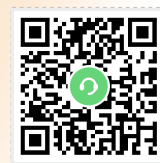
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Technical Support



Cloud Management



Company Website