

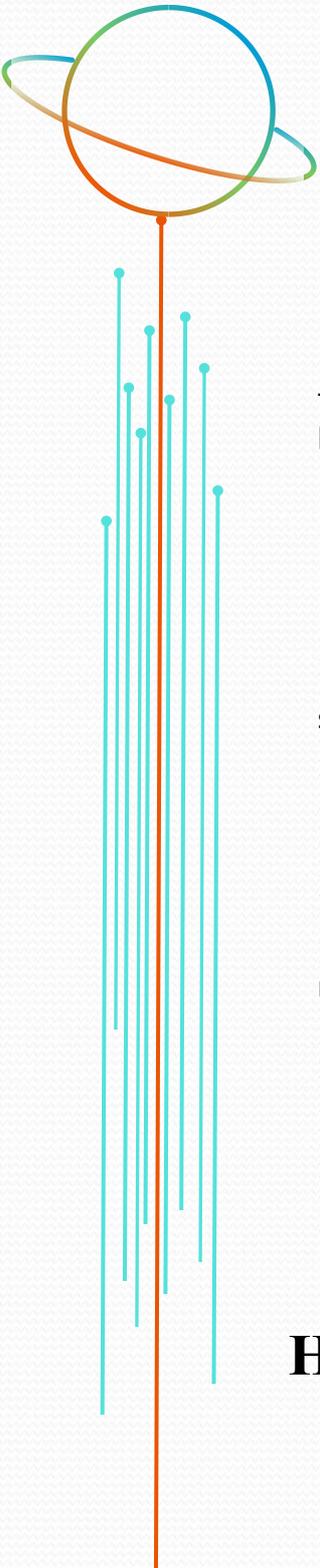
Smart Router SR120-A Product Specification



Broaden Your Future Life

- FULL Gigabit
- FULL Connection
- FULL Coverage



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Introduction

SR120-A is full-GE Dual-Band AC1200 AP product for smart home. With Filink technology, the AP can easily work with Fiberhome ONT and AP, provide high performance WiFi network to the Home users.

Features

- Support 1000Mbps Ethernet WAN uplink, support four Ports LAN Switching
- Support WLAN high gain antenna($\geq 3\text{dbi}$), ensure that the wireless signal reception sensitivity
- Integrated IEEE 802.11b/g/n wireless access rates up to 300Mbps
- Integrated IEEE 802.11ac wireless access rates up to 896Mbps
- The built-in SPI firewall ,protecting family network and equipment safety
- Support MAC filtering and IP ACL
- Support WPA,WPA2 wireless security access
- Powerful QoS capabilities to ensure service quality in multi-service environment
- Support software Firmware local upgrade and remote upgrade,Support status monitoring and performance statistics
- Support NAT、 DHCP、 DNS
- Support L2TP VPN
- Support secure WEB management
- Support IPv4/v6 dual stack
- Support 802.11kvr and band steering
- Support Fiberhome Filink fast configuration
- Support Router or Repeater mode

Hradware



Hardware Interface

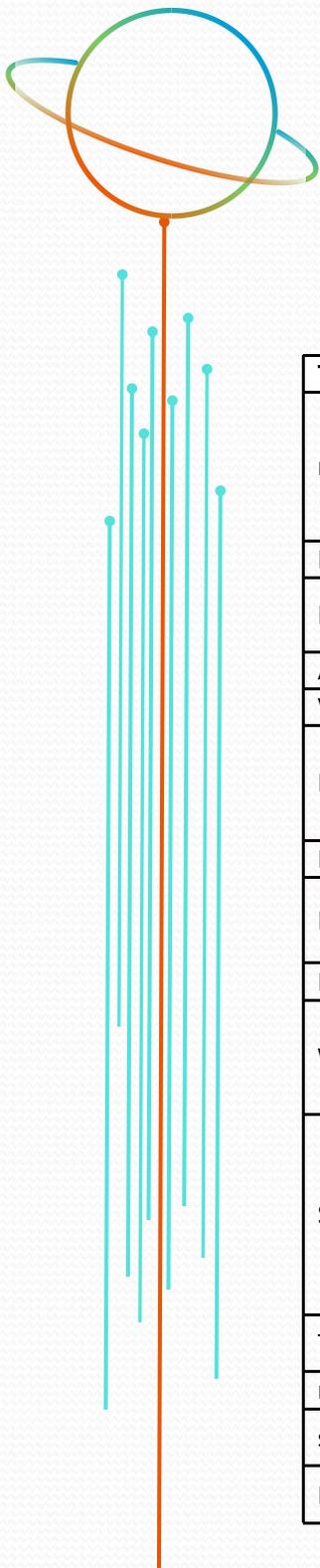
Rear panel	WAN	Ethernet Interface	Uplink to WAN network
	LAN1//LAN2/LAN3/LAN4	Ethernet Interface	Connect PC or other network device
	USB	USB Interface	Connect USB device
	WLAN/WPS	WLAN and WPS Button	Short press to Enable or disable 2.4GHz wireless function Long press to start WPS negotiation function
	power	Power Interface	Power connection
	reset	Reset Button	Short press: reset Long press: reset to defaults

Main chip information

Mainboard	Type	Instruction
SOC chipset	SOC	1GHz MIPS24Kc processor
	2.4G WLAN	Has been integrated in SOC
5G WLAN	5G WLAN	802.11ac 2x2, Wave-2 compatible with MU-MIMO
SWITCH	SWITCH&PHY	Layer 2 Managed 5+2-Port 10/100/1000M Switch Controller
Memory	Flash&DDR	Flash 128MByte, DDR 128MByte

Indicator

Indicator screen content	Condition	Color	Duration
Internet	Internet connected	green	Steady
	Not connected	off	
WAN	Connected, no data	green	Steady
	Have data	green	Blink
	Not connected	off	
LAN	Connected, no data	green	Steady
	Have data	green	Blink
	Not connected	off	
WPS	WPS connecting	green	Steady
	Not connected	off	
WLAN 2.4/5G	Enable WIFI	green	Steady
	Disable WIFI	off	
	Wireless coding	green	Blink
Power	Power on	green	Steady
	Power off	off	



Software Feature

Type	Instruction
route	Support dynamic RIP1&RIP2Support static Route
	Support ARP
	Support DNS
	Support ICMP
IP protocol	Support Ipv4/Ipv6
NAT	Support NAT, NAT (RFC2663, RFC3022 and RFC302)
	Support FTP、MSN and NetMeeting NAT translation
ALG	Support IPv4 ALG
VPN	Support L2TP VPN Client
DHCP Server	Default gateway address is 192.168.51.1Support enable or disable DHCP server functionDHCP Server Address Pool can be setSupport IP address status display, such as hostname, MAC address, IP address and the remaining lease timeSupport static IP reserved
Data service	WLAN 802.11b/g/nWLAN 802.11ac
Firewall	Support setting the firewall level , Support configuration of firewall rulesSupport IP filtering Support DMZSupport service access controlSupport Port direction Support anti-DOS attack
LAN	Compatible with 802.3/802.3u/802.3uzSupport MDI/MDIX self-test
WLAN	Support automatic speed regulationSupport automatic channel selection and manual configurationSupport adjustable transmit powerSupport configurable access user numberSupport 802.11kvr and band steeringSupport fiberhome Flink fast configurationSupport repeater mode
Security	Support Open System and Shared Key,Support 64-bit,128-bit WEP encryption; Key can use HEX or ASCII charactersSupport WPA-PSK、WPA2-PSK、WPA-PSK/WPA2-PSK mix mode, Support AES、TKIP encryption
	Support access control based on MAC addressSupport access control based on IP address and IP address rangesSupport URL based control, access control provided in the form of black and white listSupport IP layer protocol packet filtering capabilities
Time	Support manual configuration and automatic synchronization Support NTP time synchronization
maintain	Support log management, Support export logs and configuration files
statistic	Support link state statistics Support sending and receiving packet statistic Support run-time display
Management	Support WEB managementSupport local upgrade, optional support remote upgrade

Physical Parameter

Indicator Type	Parameter Instruction
Network Interface	Gbit Ethernet uplink
User Interface	RJ45 Ethernet interface: 4GEWi-Fi wireless interface, 2*2, 2.4G&5GUSB interface
Machine Size	145mm(L)×118mm(W)×45mm(H)
Machine Weight	107g
Power Adapter	Input Voltage: 100V~240V, 50Hz~60Hz
Power Requirement	Input Voltage: 12V DCInput current: 1 A
Power Consumption	Standby 2.5W, Full load 6W
Environment Temperature	Work Temperature: -10°C~50°CStorage Temperature: -40°C~70°C
Environment Humidity	10%~95%noncondensibile