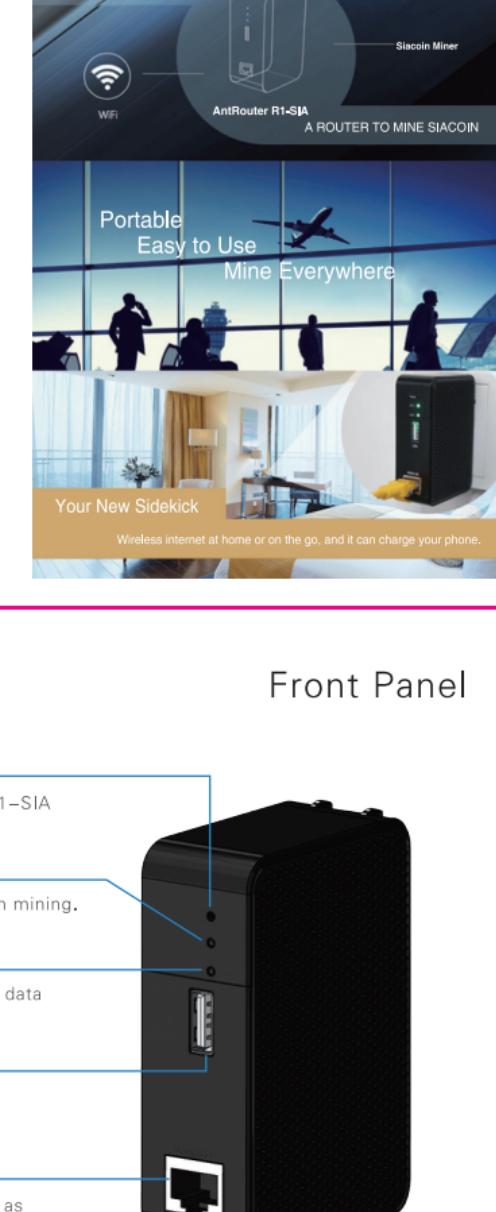


## AntRouter R1-SIA Manual

Bitmain is dedicated to decentralization of Cryptocurrencies mining. This is our new decentralized IoT Siacoin miner.



## Front Panel

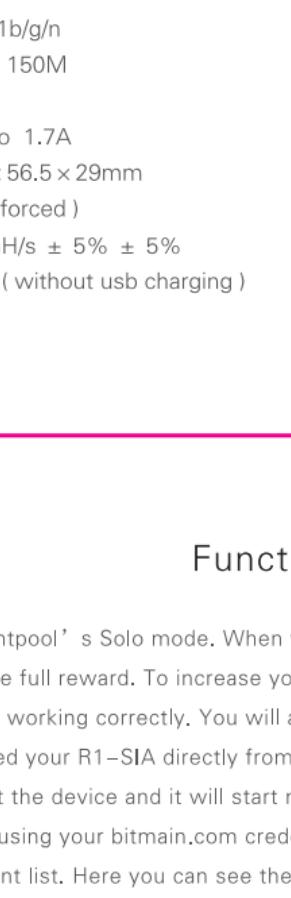
**Reset Button**  
A five second long press will reset the R1-SIA to its default settings.

**Mining Indicator LED**  
Lights up when powering up, blinks when mining.

**WiFi Indicator LED**  
Lights up when wifi is ready, blinks when data is transmitting by wireless LAN.

**USB Port**  
Can act as a phone charger.

**WAN port**  
Links to your local area network to serve as a WiFi access point, or to a broadband access provider (as a PPPoE router).



## Technical Specifications

Input Voltage	100–240 VAC
Input Current	0.25A
WiFi Standard	802.11b/g/n
WiFi Transmission Rate	2.4G : 150M
USB Charge Voltage	5.0V
USB Charge Current	Max to 1.7A
Dimensions	84.5 x 56.5 x 29mm
Siacoin Mining Mode	solo ( forced )
Siacoin Hashrate	2.12GH/s ± 5% ± 5%
Power consumption	4.5W ( without usb charging )

Function 1

## Siacoin AntPool Miner

## Functions

The Antrouter R1-SIA was designed to mine in Antpool's Solo mode. When your Antrouter R1-SIA finds a block you will receive the full reward. To increase your chances you need to keep your device on line and working correctly. You will also need some good fortune and luck! If you purchased your R1-SIA directly from the bitmain.com website all you need to do is connect the device and it will start mining. Once the device is working, log into antpool.com using your bitmain.com credentials. Find the Antrouter option in the Current Subaccount list. Here you can see the mining status of your R1-SIA. You can connect to the wireless network by selecting the Antrouter-<device mac address> from the list of available wireless networks on your computer. Then, to access the user interface, open a browser and enter the IP address 192.168.200.1 to the address bar. The log in screen will appear and you can log in with the default user name root and password root.

Function 2

## Mini WiFi Access Point

## Functions

WiFi Access Point device can turn cabled internet access into wireless, and it is the default operation mode of the R1-SIA. Connect your R1-SIA to a router, hub, or any RJ45 port with available internet access, and enjoy your own WiFi access point. If you want to change WiFi password, log into the management system, Click Network > Wireless > Wireless Configuration > Wireless Security, choose "WPA-PSK / WPA2-PSK Mixed Mode", and set a password ( 8 or more characters ), then save and apply your changes. If you want to change router password, log into the management system, navigate to System > Administration > Router Password, input new password, save and apply.

Function 3

## USB Charger

## Functions

Using a USB cable, connect your mobile device to the R1-SIA to charge it. Android phones, iPhones, and tablets are supported.

In order to ensure your experience, R1-SIA will stop the mining function when USB charging function is used.

Function 4

## General Wireless Router

## Functions

R1-SIA is also a normal dialing router, it can access the internet via your service provider (ISP) after simple configuration.

### Configuration Method

Connect ethernet cable ( which is connected to ISP ), and log into the management system. Click Network > Interfaces > WAN ( as picture below ).



Change Protocol to PPPoE, then click "Switch protocol", Save and Apply. Enter your ISP-provided username at "PAP/CHAP username", enter password at "PAP/CHAP password", then click "Save & Apply" and enjoy surfing the internet after one minute.

Function 5

## Changing your pool account

## Functions

There are two methods to change your pool account.

1. Scan the QR code on the R1-SIA label using any QR scanner. A pop up will appear and you may enter the email address of the pool account you wish to switch. A verification email will be sent to the email address of the previous pool account. Verify the change of pool account by clicking on the link provided in the email.



2. Log in to the R1-SIA management system. In the navigation bar, click Miner > R1-SIA Configuration. Enter the email address of the mining pool you want to change in the "Solo User" field and click "Save & Apply".



Please make sure your mining pool account is valid before changing.

## Warranty

## After-Sales

R1-SIA has a six months limited warranty. Within 15 days of purchasing the product, you are entitled to a replacement for a non-human-induced major failure.

## Conditions

The warranty does not apply in respect of products purchased more than six months prior. Additionally, the warranty does not cover repair, replacement or otherwise for product damage: caused by liquid contact, fire, natural disaster or other external causes; caused by accident, abuse or misuse; caused by service or alterations performed by persons other than official representatives of Bitmain.

The warranty does not cover cosmetic damage, including but not limited to scratches, broken or dented plastic.

## Bitmain Support

For additional information, please contact:

[www.bitmain.com>support](http://www.bitmain.com/support)



 ANTRROUTER 蚂蚁路由器 R1-SIA

# 使用说明书

比特大陆致力于去中心化的数字加密货币挖矿。  
这是我们推出的又一款云储币矿机。



## 部件示意

Reset 重置按钮  
长按5秒可将 R1-SIA 恢复到出厂默认状态

挖矿指示灯  
通电时指示灯亮，挖矿时指示灯闪烁

WiFi 指示灯  
局域网可用时指示灯亮，局域网有数据活动时  
指示灯闪烁

USB 接口  
USB充电接口

WAN 网线接口  
通过网线，借入可用的局域网（作为 WiFi 热点）或者宽带运营商（作为 PPPoE 路由器）



## 技术规格

供电电压	100–240 VAC
供电电流	0.25A
WiFi 标准	802.11b/g/n
WiFi 传输速率	2.4G : 150M
USB 充电电压	5.0V
USB 充电电流	最大1.7A
尺寸	84.5 × 56.5 × 29mm
云储币挖矿模式	solo ( 强制 )
云储币算力	2.12GH/s ± 5%
功耗	4.5W ( 不带USB负载充电 )

### 功能1 云储币矿机

### 功能介绍

蚂蚁路由器R1-SIA采用特有的solo挖矿模式，一旦solo成功，您将得到一比客观的云储币奖励（手续费1%）！获得这笔巨额奖励需要持续保证设备正常运行，也需要过人的运气，祝您好运！在官网下单购买的R1-SIA设备，您只需保证设备电源和网络正常，即可开始挖矿。设备正常运行后，您可以用比特大陆账号登录到www.antpool.com，在“当前子账户”中找到“蚂蚁路由器”选项，在该页面下，您可以看到R1-SIA的挖矿状态。R1-SIA通电后，您可以使用电脑在无线网络列表中找到antRouter-{设备mac地址}的ssid并连接，打开浏览器，输入地址192.168.200.1，使用用户名root密码root登陆R1-SIA的设备管理后台。

### 功能2 迷你WiFi热点

### 功能介绍

WiFi热点功能即“把网线变成WiFi”、R1-SIA默认处于这一工作模式下。只需要将R1-SIA用网线连接到有互联网接入的路由器、网口、交换机，即可享受私人WiFi。修改WiFi密码，需要登录R1-SIA后台，依次点击Network > Wireless > Wireless Configuration > Wireless Security，建议选择WPA-PSK/WPA2-PSK Mixed Mode，然后在Key输入框中设定密码并保存。然后保存。修改路由器密码，需要在R1-SIA后台，依次点击System > Administration > Router Password，输入后保存。

### 功能3 USB充电器 (手机平板可用)

### 功能介绍

使用USB充电线缆连接R1-SIA和您的设备即可充电。支持安卓手机、iPhone、iPad等平板电脑。为了确保您的使用体验，USB充电接口使用时，R1-SIA会停止挖矿功能。

### 功能4 通用路由器

### 功能介绍

R1-SIA也是一个通用的拨号路由器，连好网线简单设置之后即可接入宽带运营商。

#### 设置方法

将R1-SIA连接网线（网线另一端接入运营商提供的网口），然后登陆R1-SIA管理后台，依次选择导航栏中的 Network > Interfaces > WAN（参见下图）。



将Protocol改为PPPoE，并单击Switch protocol，在PAP/CHAP username处输入运营商提供的用户名，在PAP/CHAP password处输入运营商提供的密码，点击Save & Apply，稍等片刻就可以上网了。



更换矿池账号前请确保您的矿池账号有效。

### 功能5 快捷更换设备的矿池账号

### 功能介绍

R1-SIA有两种方式更换设备的矿池账号：

1.扫描R1-SIA标签上的二维码，在弹出的网页上输入想要更换的矿池账号邮箱，点击确认，设备原有矿池账号的邮箱会收到一封确认邮件，点击邮件中的确认链接后，重启设备，更换设备的矿池账号成功。



2.登陆R1-SIA管理后台，在导航栏中依次点击“Miner” > “R1-SIA Configuration”，在Solo User一栏中输入您有更换的矿池账号邮箱，然后点击“Save & Apply”。



更换矿池账号前请确保您的矿池账号有效。

### 保修条例

### 售后策略

维修：R1-SIA享受半年保修服务，在保修期内出现的非人为损坏造成的产品性能故障，可免费更换；购机15日内，出现非人为导致的产品质量问题，消费者可以选择更换同型号同规格的AntRouter R1-SIA产品。

#### 非保修条例

属于下列情况，不在保修范围：

购买时间超过1年的；

因火灾、水灾、雷击等不可抗力造成的损坏；

未按产品使用说明书的要求使用、维护、保管而造成损坏的；

由非比特大陆维修服务者拆修造成损坏的；

产品使用过程中正常的脱色、磨损和消耗。

400-890-8855

周一至周六 8:00 - 21:00

### 蚂蚁售后

### 售后策略

更多信息，请参考比特大陆官网技术支持页面：

[www.bitmain.com](http://www.bitmain.com)>技术支持



售后客服二维码 售后客服二维码