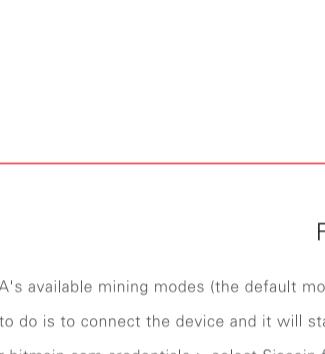
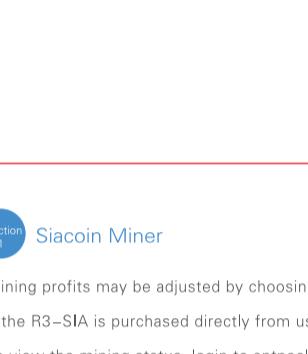
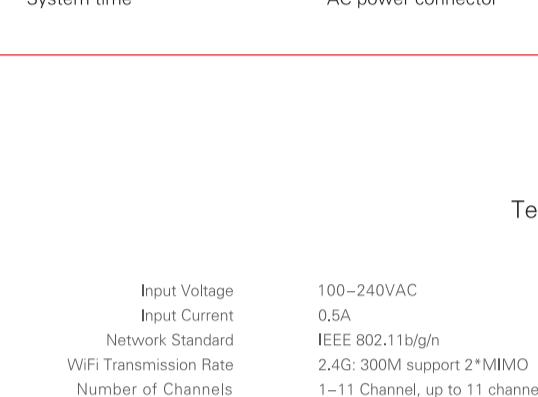
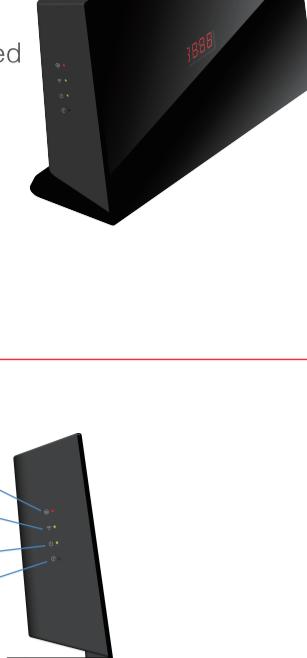




AntRouter R3-SIA Manual

Bitmain is proud to present the AntRouter R3-SIA – a core offering in our decentralized and secure digital currency mining.



Technical Specifications

Input Voltage	100–240VAC
Input Current	0.5A
Network Standard	IEEE 802.11b/g/n
WiFi Transmission Rate	2.4G: 300M support 2*MIMO
Number of Channels	1–11 Channel, up to 11 channels
Network Interface	1*10M/100M adaptive WAN port
Dimensions	208 X 148.6 X 69mm
SiaHcoin Mining Mode	Pool/Solo mode
SiaCoin Hashrate	11.54GH/s ± 5%
Power Consumption	24W

Function 1 Siacoin Miner

Functions

Mining profits may be adjusted by choosing among R3-SIA's available mining modes (the default mode is solo). If the R3-SIA is purchased directly from us, all you need to do is to connect the device and it will start mining.

To view the mining status, login to antpool.com using your bitmain.com credentials > select Siacoin from the drop down list on the upper-left corner of the page > select your sub-account > you should be directed to your dashboard page. From there, select AntRouter in the current sub-account. The mining mode can be configured via Settings > Edit (your sub-account) > Solo/PPS. You may connect to a wireless network by selecting the Antrouter-<device mac address> from the list of available wireless network on your computer. When you have connected to the wireless network, open a browser and enter the address 192.168.200.1 in the address bar. When the miner log in screen appears, you may then login by entering the user name "root" and password "root".

Function 2 Mini WiFi Hotspot

Functions

The Mini WiFi Hotspot is the default operation mode of the R3-SIA. It converts cable internet to wireless internet. To enjoy your personal WiFi hotspot, simply connect the R3-SIA to any internet-connected router, hub or RJ45 port.

To change the WiFi password, log in to the R3-SIA management system, select 'Network > Wireless > Wireless Configuration > Wireless Security.' At the 'Encryption' menu, select 'WPA-PSK/WPA2-PSK Mixed Mode' and set a password with 8 or more characters. Finish by selecting 'Save & Apply.'

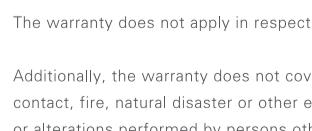
Function 3 Router

Functions

After configuration, the R3-SIA can also be used as a router to access the internet via your service provider.

Configuration Method

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

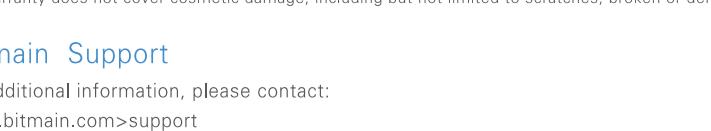


Change Protocol to 'PPPoE,' select 'Switch protocol' and then 'Save & Apply.' Enter your ISP-provided username at 'PAP/CHAP username,' then enter your password at 'PAP/CHAP password,' finishing by selecting 'Save & Apply.' You may now access and surf the internet.

Function 4 Digital Clock Display

Functions

In the front panel, there is a real-time digital clock function with Coordinated Universal Time (UTC) as the default time zone. Once connected to a network, the time will automatically synchronize. You may adjust the default time zone by selecting 'System > System Properties > General Settings > Timezone.' Select your desired timezone via the drop down menu then close via 'Save & Apply.'



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

Warranty and Customer Support

The R3-SIA is covered by a 6-month limited warranty. Customers are also entitled to replacement of defective products within 15 days of purchase.

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:

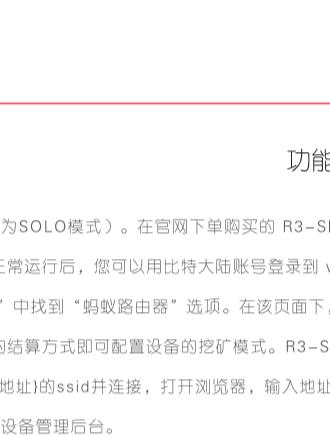
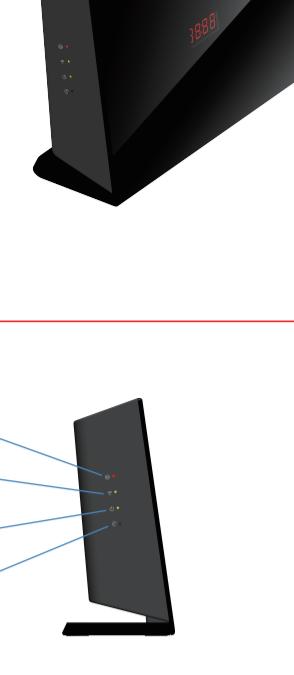
[www.bitmain.com>support](http://www.bitmain.com/support)



使用说明书

比特大陆致力于去中心化的加密数字货币挖矿

这是我们推出的又一款云储币矿机。



技术规格

供电电压	100~240VAC
供电电流	0.5A
网络标准	IEEE 802.11b/g/n
WiFi传输速率	2.4G: 300M, 支持2*MIMO
信道数	1~11, 共11个信道
网络接口	一个10M/100M自适应WAN口
尺寸	208 × 148.6 × 69mm
云储币挖矿模式	矿池/solo模式
云储币算力	11.54GH/s ± 5%
功耗	24W

功能1 云储币矿机

功能介绍

蚂蚁路由器R3-SIA的挖矿收益取决于您选择的挖矿模式（默认为SOLO模式）。在官网下单购买的R3-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，选择页面左上角的“Siacoin”，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R3-SIA的挖矿状态；在设置页面修改蚂蚁路由器账户的结算方式即可配置设备的挖矿模式。R3-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R3-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”，R3-SIA默认处于这一工作模式下。只需要将R3-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R3-SIA后台，依次点击Network > Wireless > Wireless Configuration > Wireless Security，建议选择WPA-PSK/WPA2-PSK Mixed Mode，然后再Key输入框中设定密码并保存。修改路由器密码，需要在R3-SIA后台，依次点击System > Administration > Router Password，输入后保存。

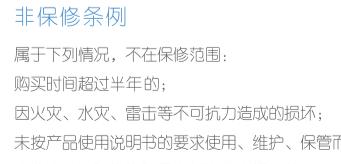
功能3 通用路由器

功能介绍

R3-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R3-SIA连接网线（网线另一端接入运营商提供的网口），然后登陆R3-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。

功能4 数字时钟显示

功能介绍

我们在面板提供实时数字时钟显示功能，时钟模块默认是UTC格式时间，在成功联网后会自动同步网络时间；用户可以通过以下方式调整默认的时间显示：

System>System>system Properties>General Settings, 点击Timezone后面的UTC栏对应的下拉菜单，选择相应的时间显示格式后点击“save&apply”

更换矿池账号前请确保您的矿池账号有效。

2. 登陆R3-SIA管理后台，在导航栏中依次点击“Miner”>“R3-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。

2. 登陆R3-SIA