

KIRINMINER USER MANUAL



At the first start of KIRINMINER, please follow these steps:

1

Connect KIRINMINER to power supply and network



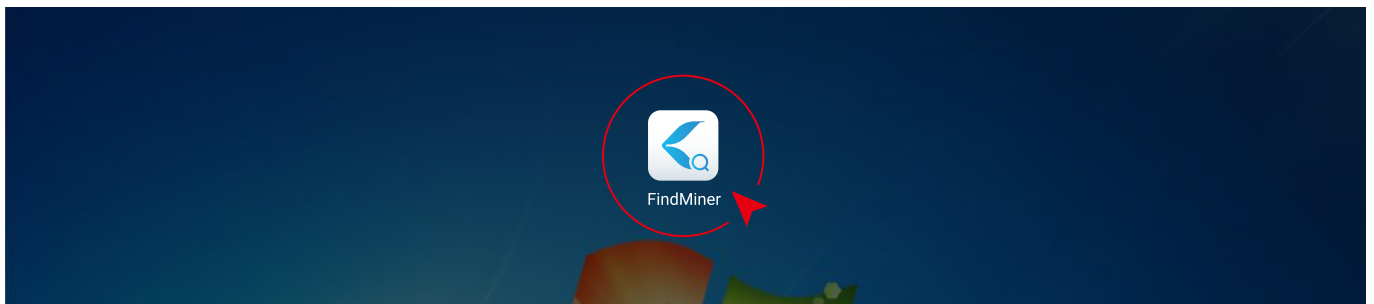
2

Press the power switch. The red indicator turns on.
KIRINMINER is initializing



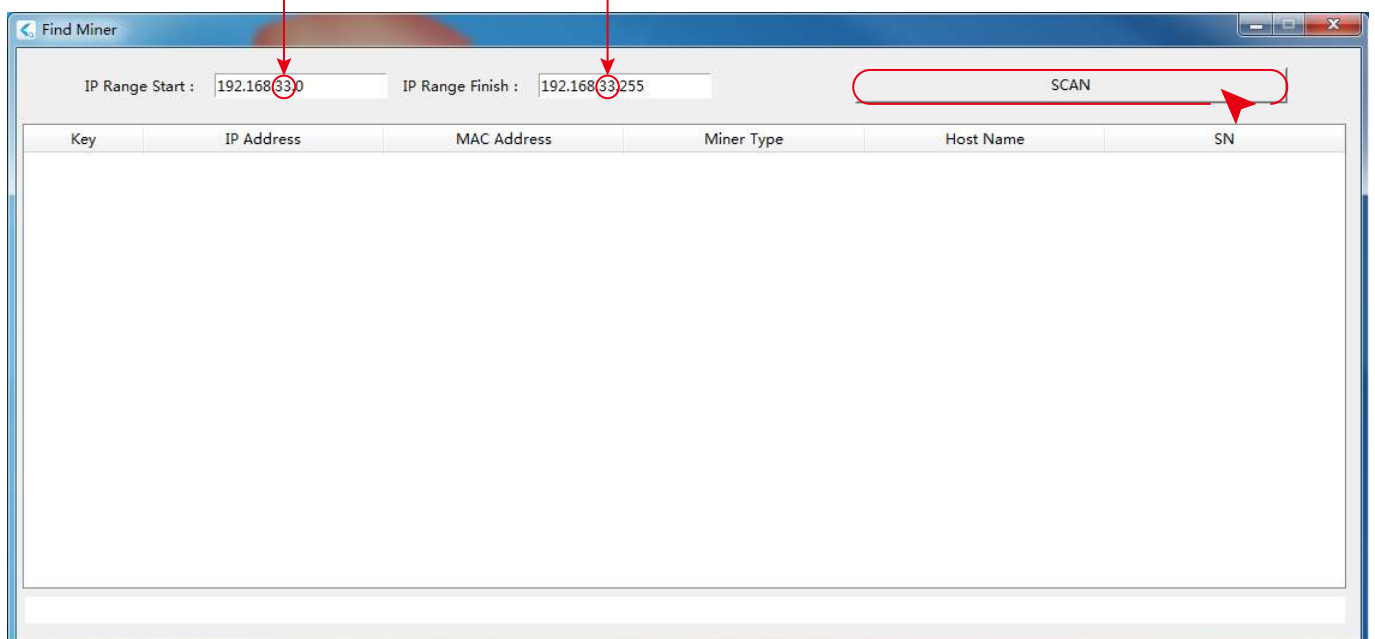
3

After about 30 seconds, when green indicator turns on, open FindMiner software for configuration



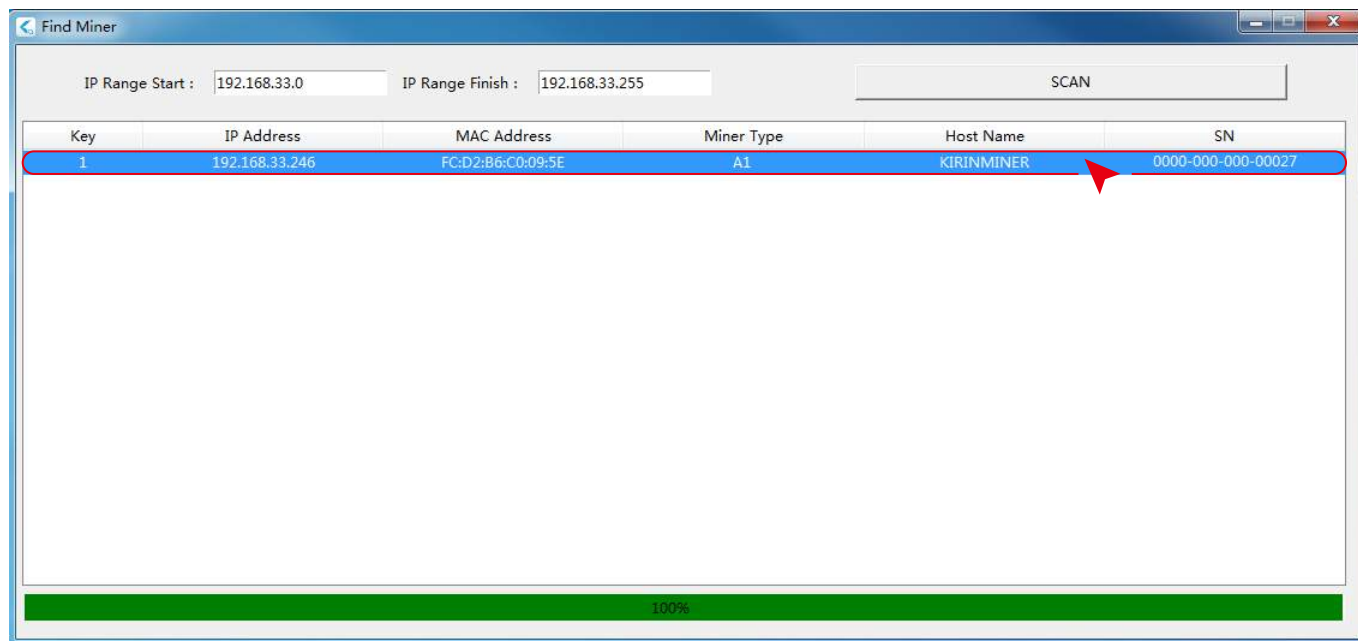
After launching the executable, press 'SCAN' to start scanning.

Enter the miner network segment



In the figure below you can see one identified miner. Click on its IP address and you will be redirected to the web page.

(You can also open browser and input the IP into the address bar manually)

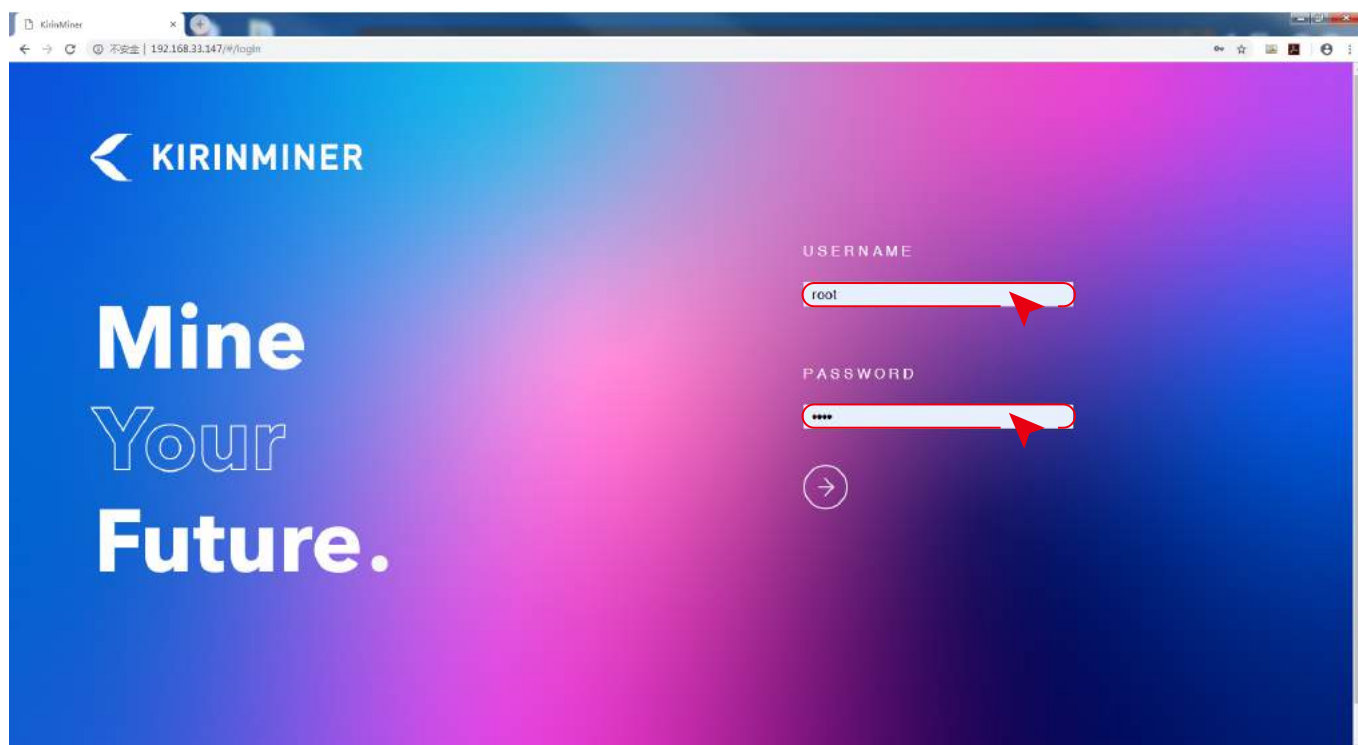


4

Miner login page & configuration

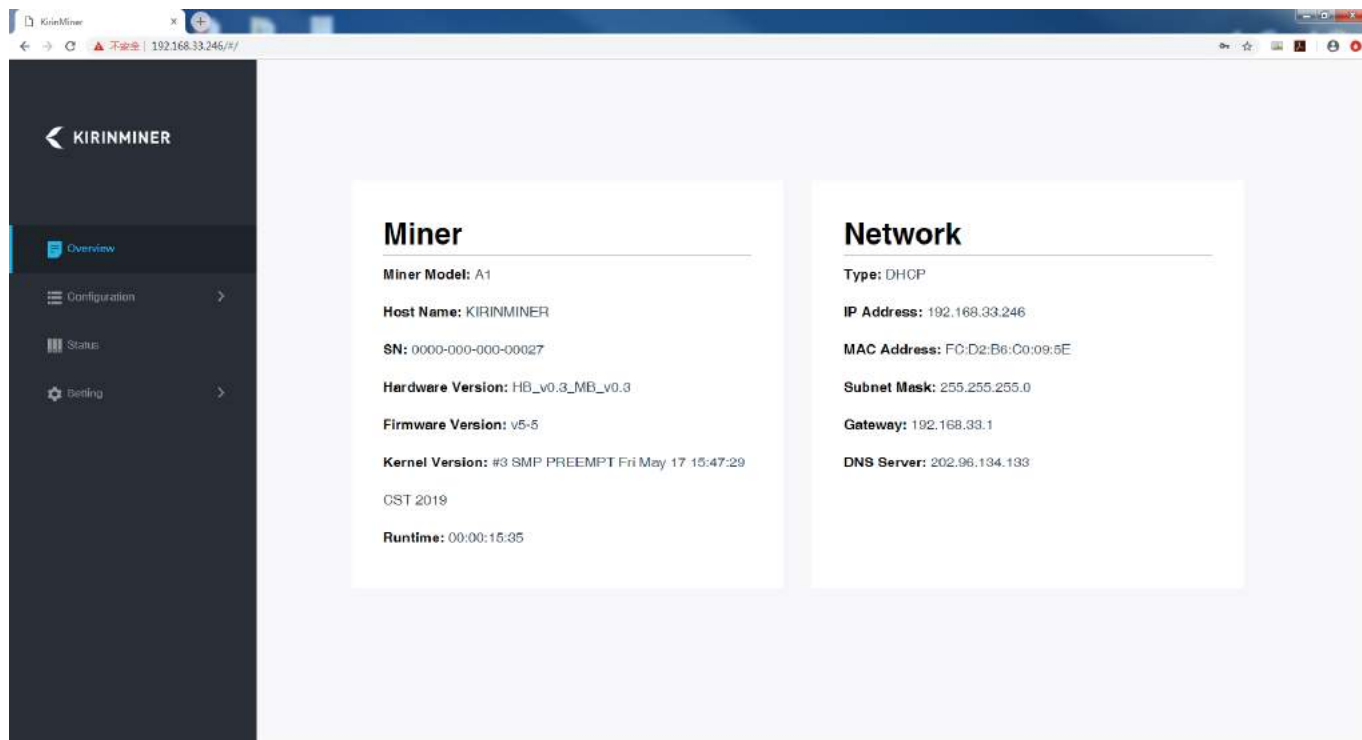
4-1 Miner Log In

After entering the IP address in the browser address bar, you will enter the login page. The username and password are 'root'. After entering them, you will log in.



4-2 Overview Page

Home page shows the basic miner information



4-3 Pool Address Configuration

Before mining, you need to set:

Pool URL: pool1 www.kirinpool.com:5555

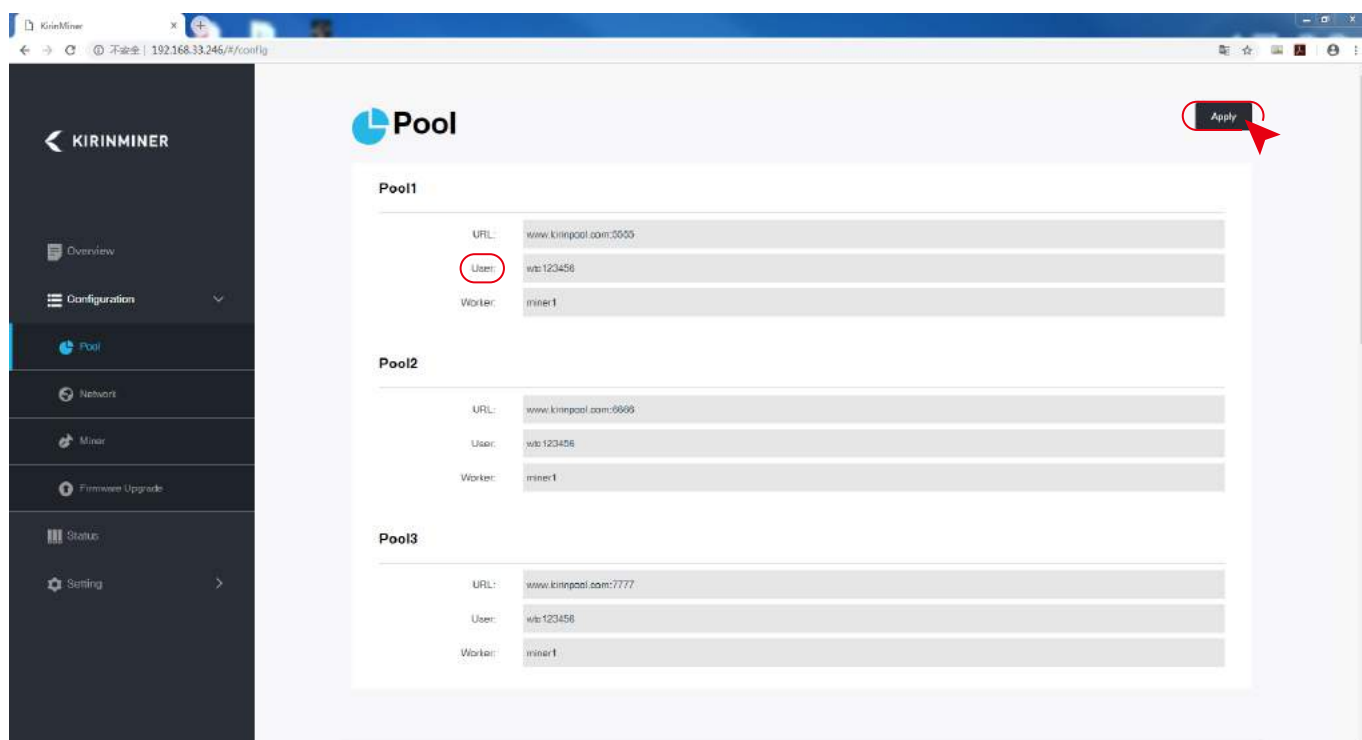
pool2 www.kirinpool.com:6666

pool3 www.kirinpool.com:7777

User name: you need to sign up on <http://www.kirinpool.com>

Worker name: a name of your choice to identify different miners of one user

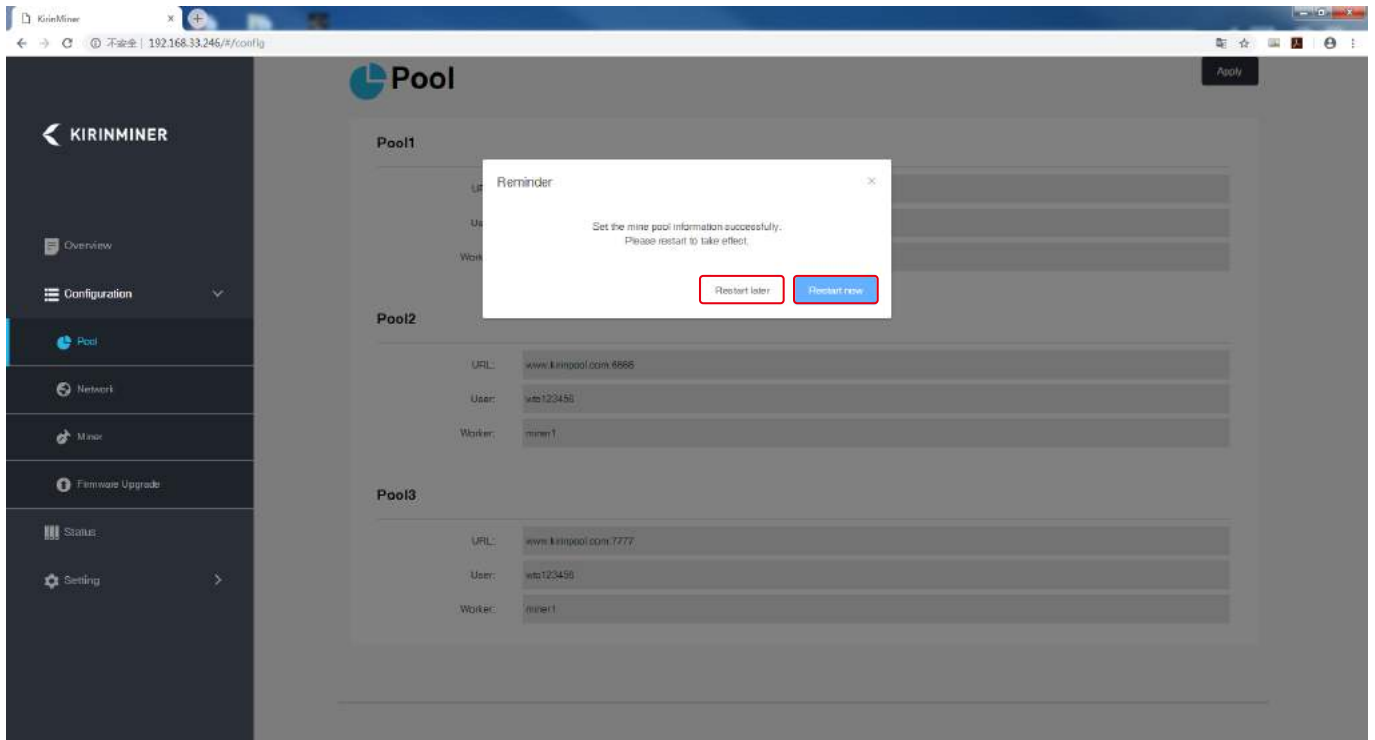
Normally, Pool1 is the main pool, while Pool2 and Pool3 are reserve pools. After completing the setup, press 'Apply' in the upper right corner.



When the setup is successful, the restart reminder will pop out.

You can choose to restart later or now.

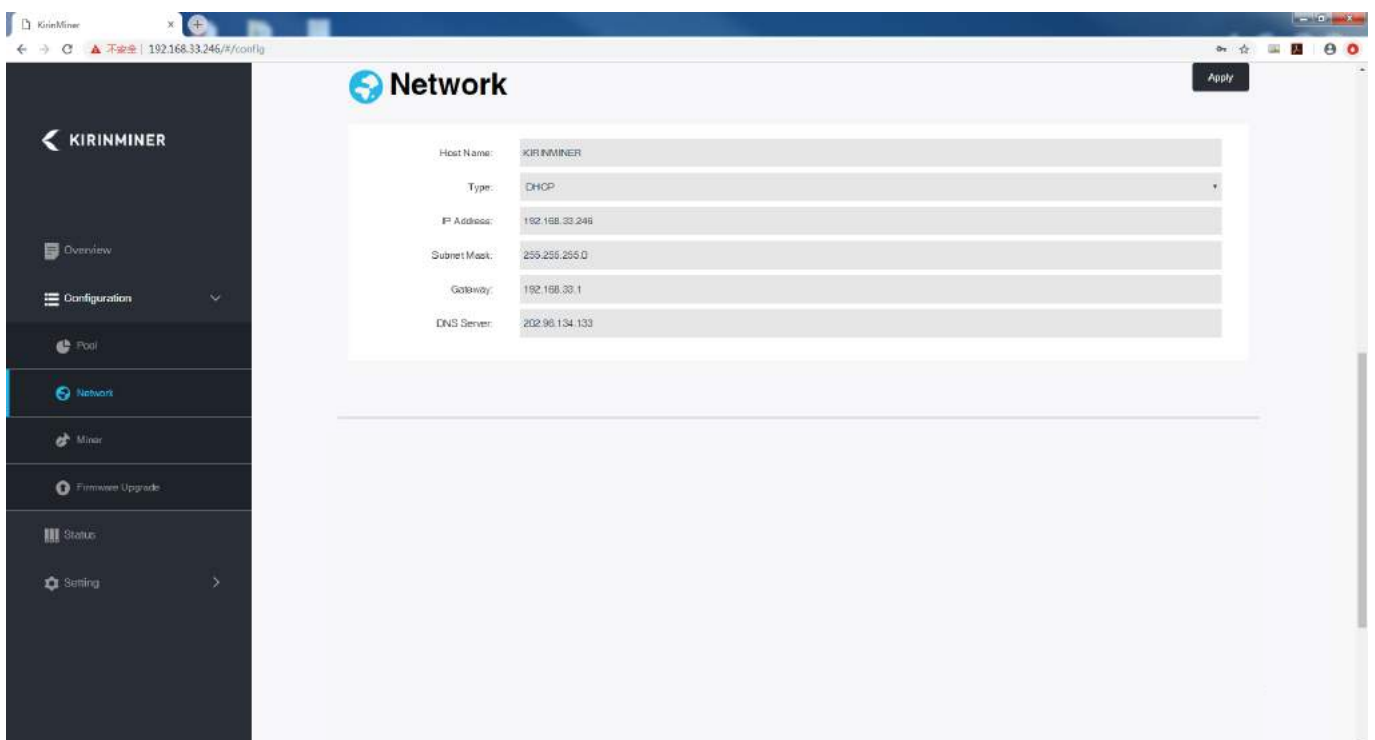
After the restart, continue from step ⑤ (you can use default settings in 4-4-4-9).



4-4 Network Setup

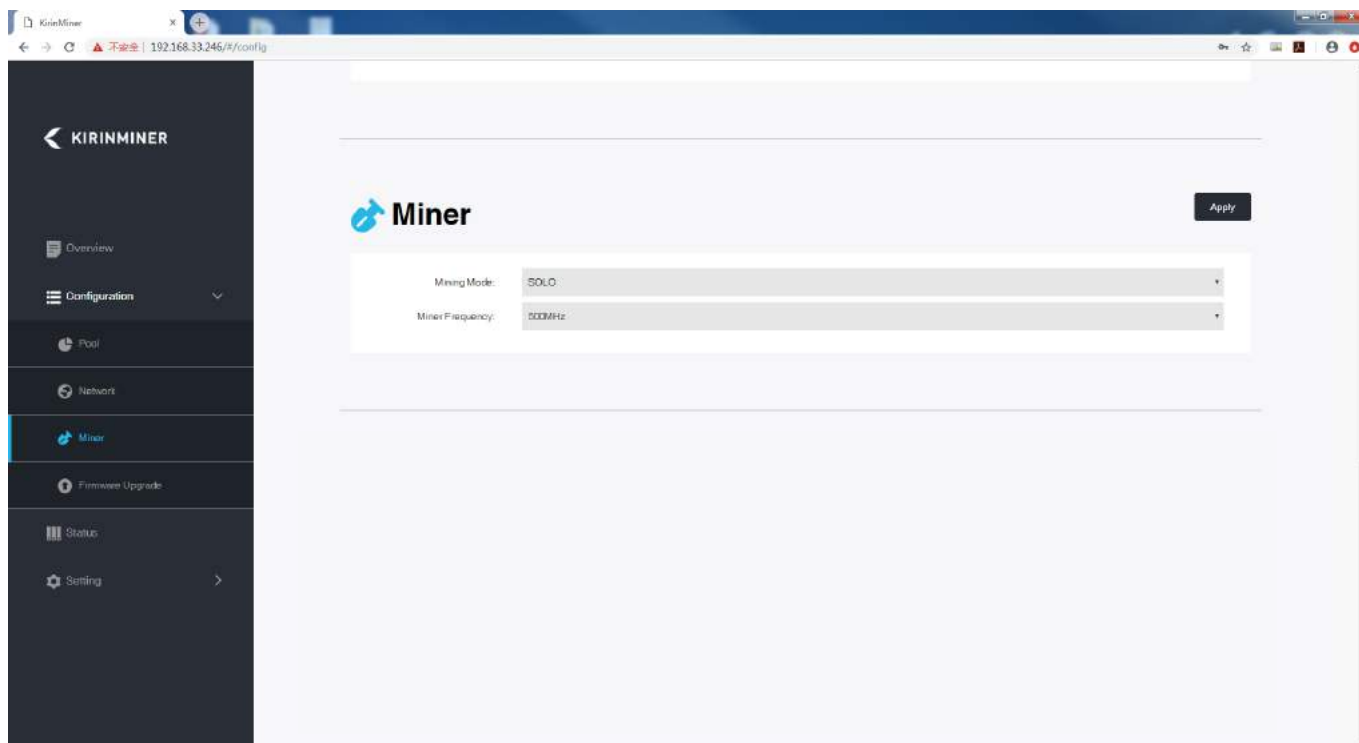
For easier management, a static IP address can be set.

By default, IP address is acquired automatically.

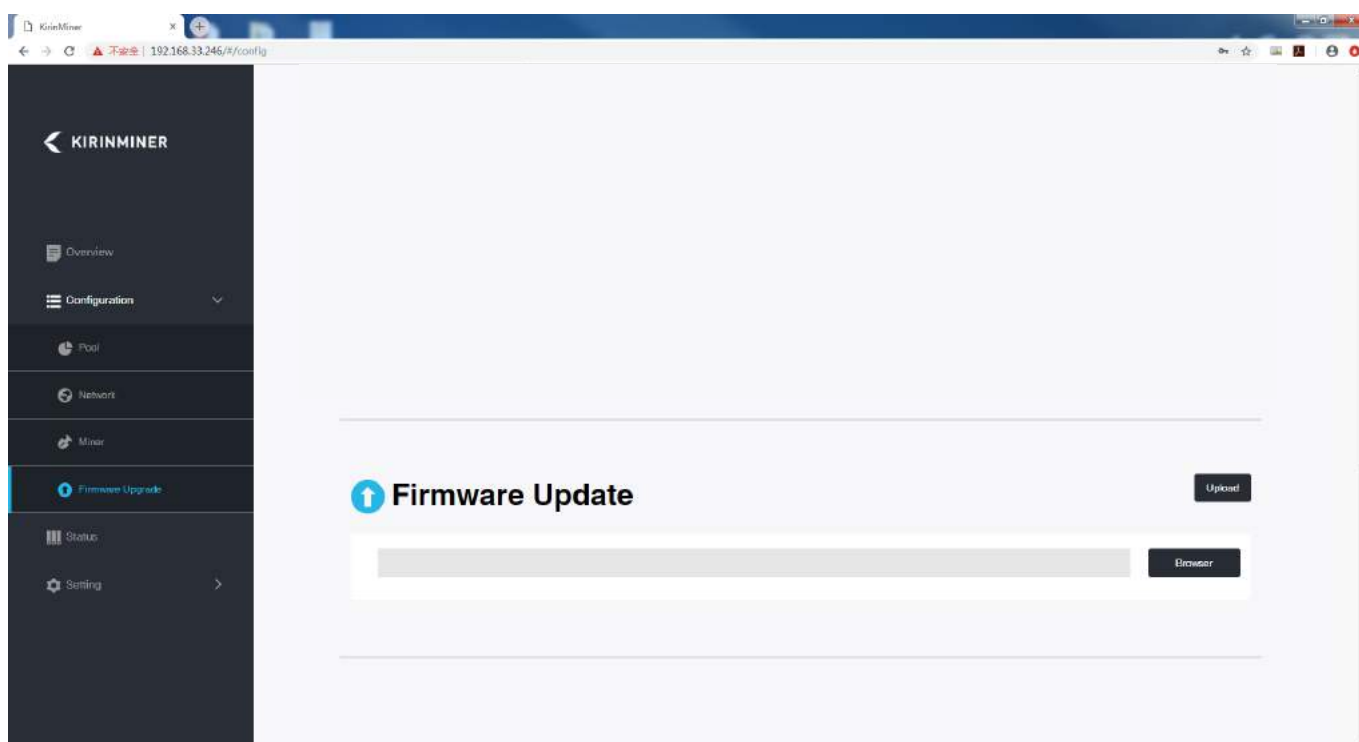


4-5 Mining Mode and Frequency

Currently, only SOLO mode and 500 MHz frequency are supported.



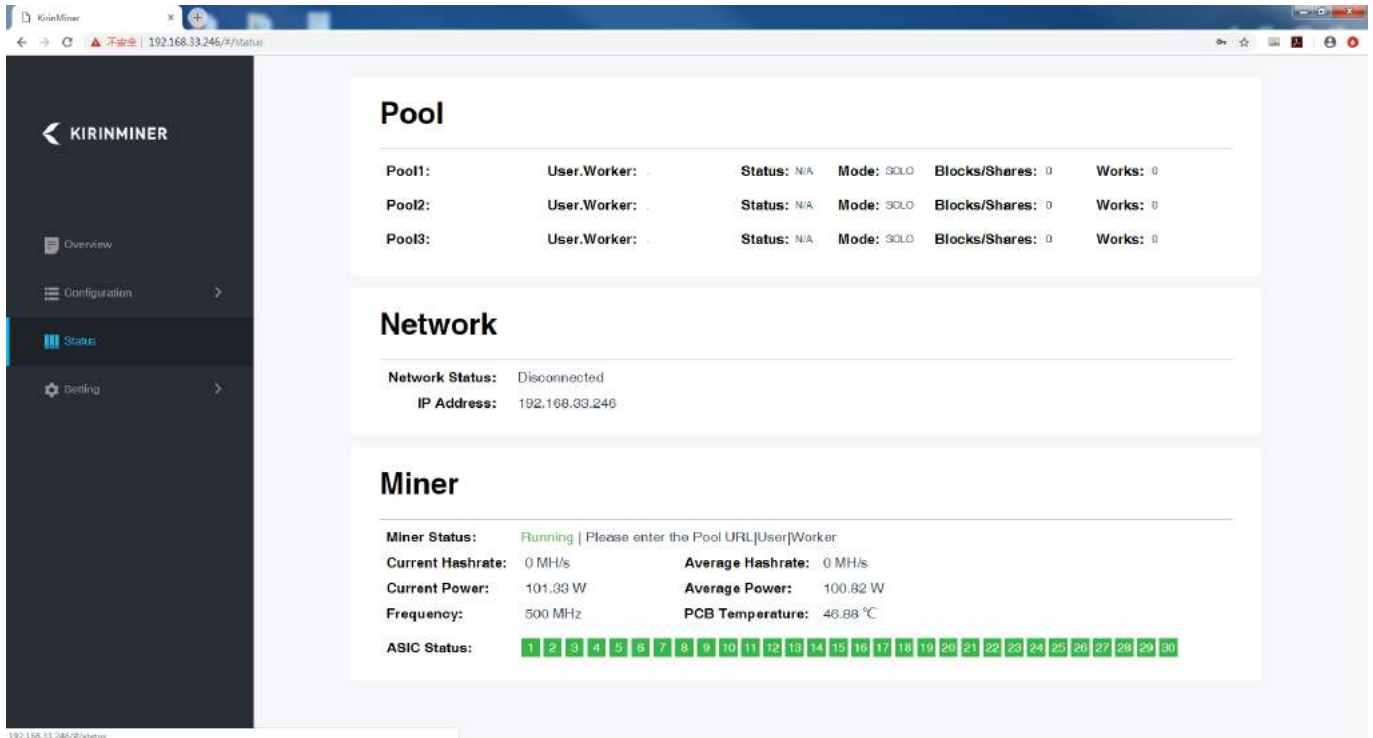
4-6 Firmware Upgrade



4-7 Miner Status Page

The **Pool** section includes the pool connection state and the number of mined blocks. Network connection state is displayed under **Network**.

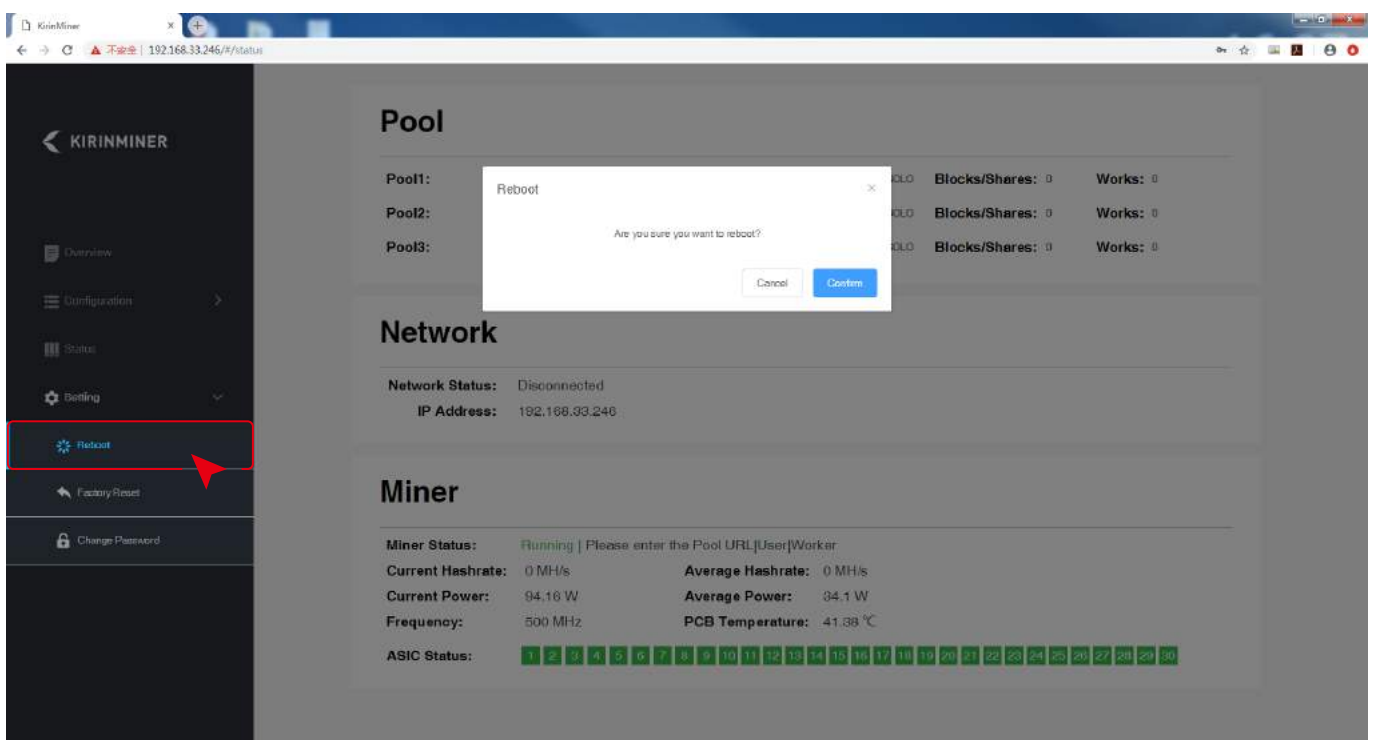
The **Miner** section includes information on hash power, power consumption, temperature etc. **ASIC status** field displays the state of 30 computing chips. Green indicates normal state; red indicates abnormal state.



The screenshot shows the KirinMiner web interface. The left sidebar contains navigation options: Overview, Configuration, Status (selected), and Setting. The main content area is divided into three sections:

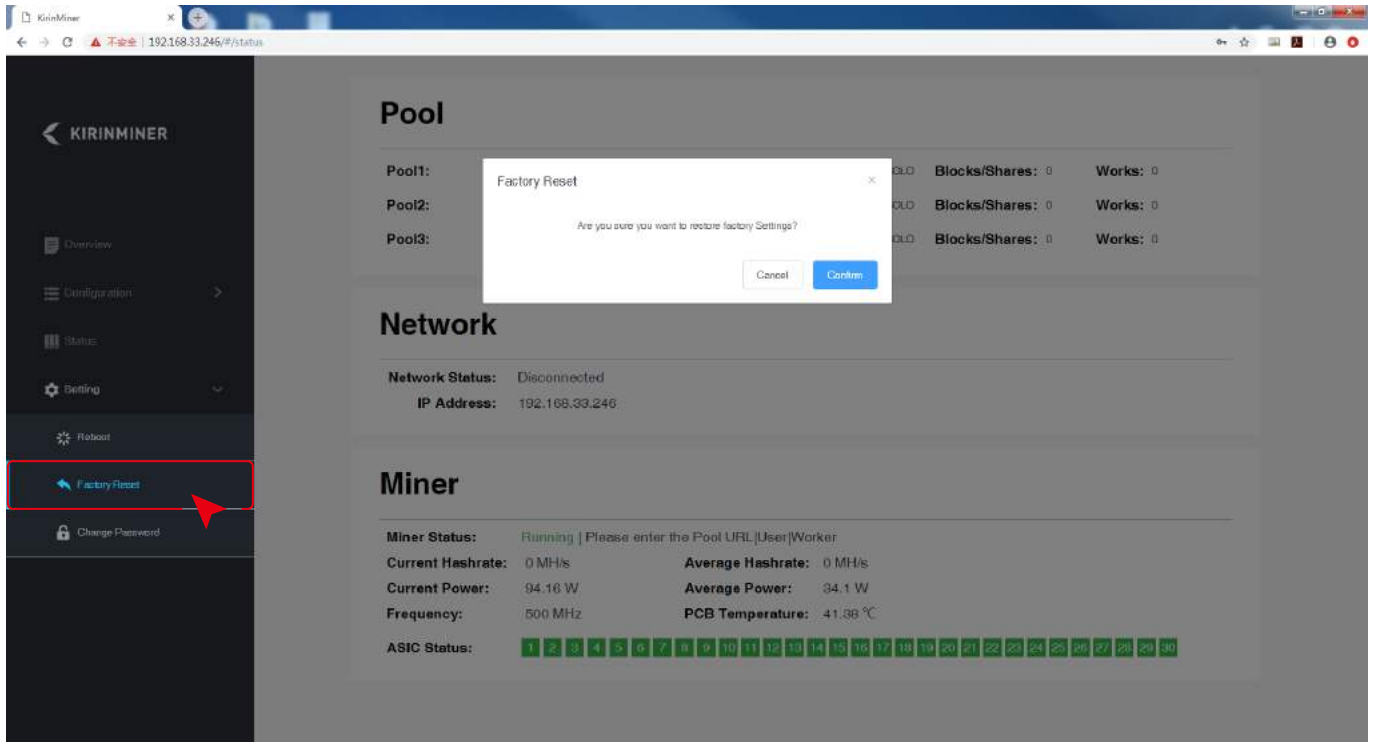
- Pool:** A table with three rows for Pool1, Pool2, and Pool3. Each row shows User.Worker, Status (N/A), Mode (SOLO), Blocks/Shares (0), and Works (0).
- Network:** Shows Network Status as Disconnected and IP Address as 192.168.33.246.
- Miner:** Shows Miner Status as Running. It lists Current Hashrate (0 MH/s), Average Hashrate (0 MH/s), Current Power (101.33 W), Average Power (100.82 W), Frequency (500 MHz), and PCB Temperature (46.88 °C). The ASIC Status is represented by 30 green squares, indicating all chips are in a normal state.

4-8 Factory Reset & Reboot



The screenshot shows the same KirinMiner web interface as in the previous image, but with a 'Reboot' dialog box open in the center. The dialog box asks 'Are you sure you want to reboot?' and has 'Cancel' and 'Confirm' buttons. In the left sidebar, the 'Reboot' button is highlighted with a red box and a red arrow pointing to it. The background content is dimmed.

Factory reset method 1:

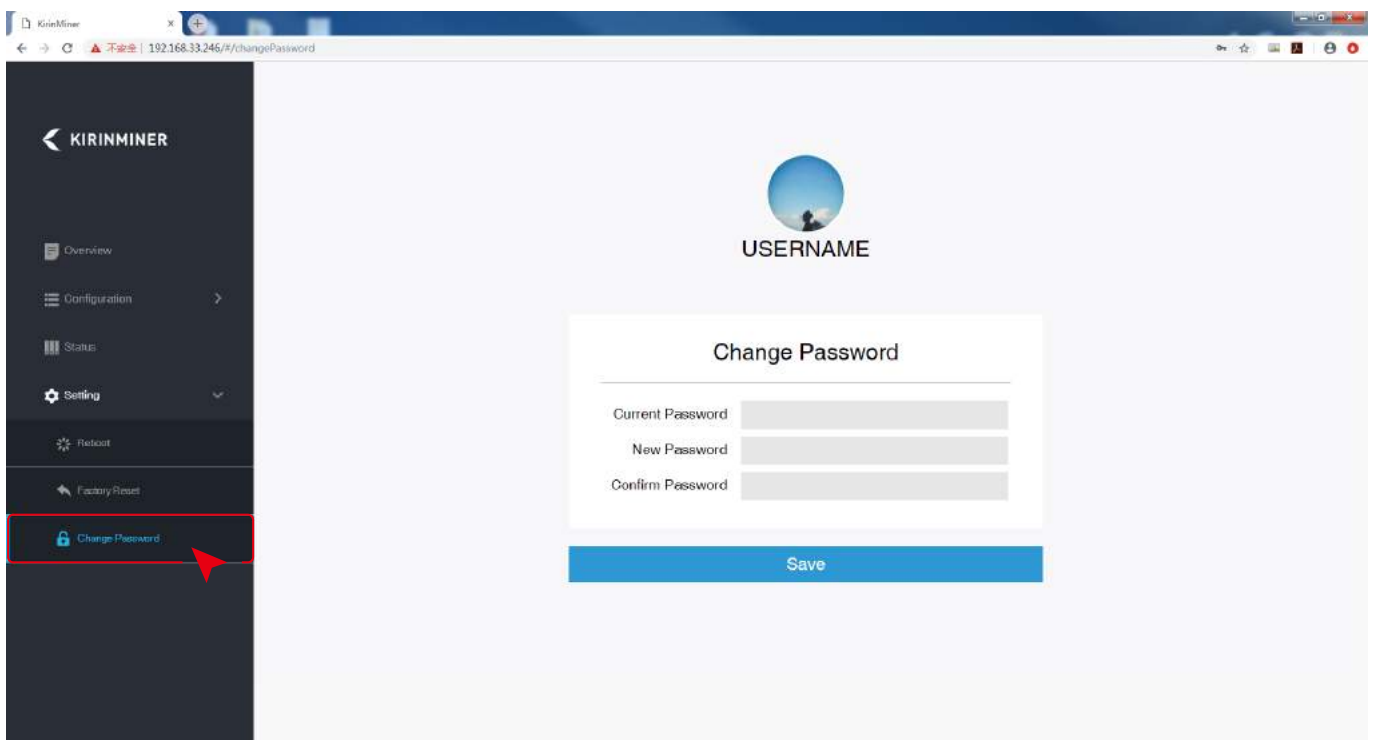


Factory reset method 2 (for example, if you forgot root password):

Use a pin to press the RST button for 5 seconds. The miner will restore factory settings and restart automatically.



4-9 Change Password



5

After configuration is complete,
restart KIRINMINER

Red indicator turns on after restart.



After about 30 seconds, green indicator turns on (then you can log in to the miner page and check miner status).

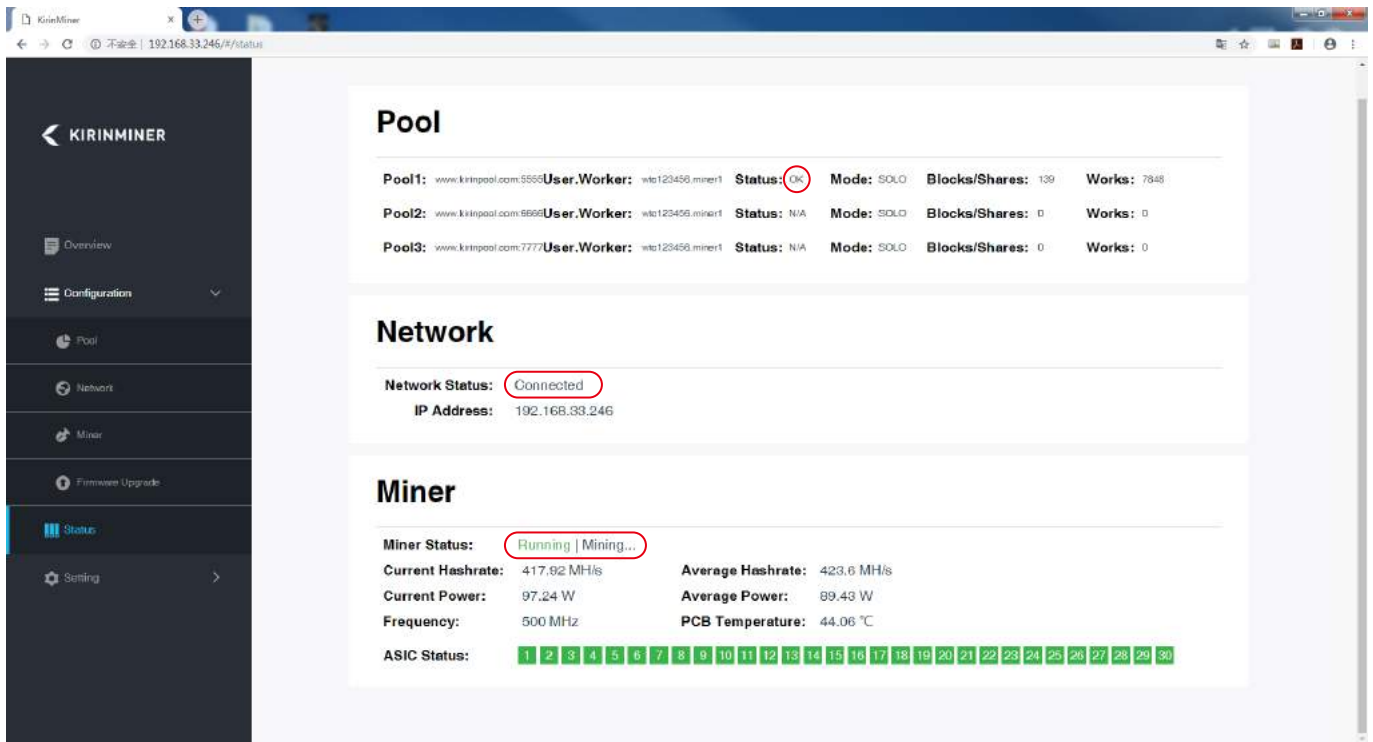


After about 1 minute, red indicator turns off and green indicator is on constantly.

Look at the miner page. When Miner Status is 'Running | Mining',
Network Status is 'Connected'
and Pool Status is 'OK',

the miner is mining normally.





6

Abnormal Miner Status

When the miner's red indicator flashes, the miner operates abnormally.

Log in to the miner page to check the abnormality information.

Common abnormalities include abnormal voltage, excessive temperature, abnormal chip, etc.



KIRINMINER

- Overview
- Configuration
- Status
- Setting

Pool

Pool1: www.kirinpool.com:5555	User.Worker: wtc123456.miner1	Status: N/A	Mode: SOLO	Blocks/Shares: 139	Works: 7856
Pool2: www.kirinpool.com:5966	User.Worker: wtc123456.miner1	Status: N/A	Mode: SOLO	Blocks/Shares: 0	Works: 0
Pool3: www.kirinpool.com:7777	User.Worker: wtc123456.miner1	Status: N/A	Mode: SOLO	Blocks/Shares: 0	Works: 0

Network

Network Status: Disconnected
IP Address: 192.168.33.246

Miner

Miner Status: Stop | Voltage abnormal

Current Hashrate: 420.39 MH/s	Average Hashrate: 428.31 MH/s
Current Power: 98.26 W	Average Power: 96.46 W
Frequency: 500 MHz	PCB Temperature: 45.25 °C

ASIC Status: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30