WhatsMinerTool User Guide
V1.6

MicroBT

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PANGOLIN MINER

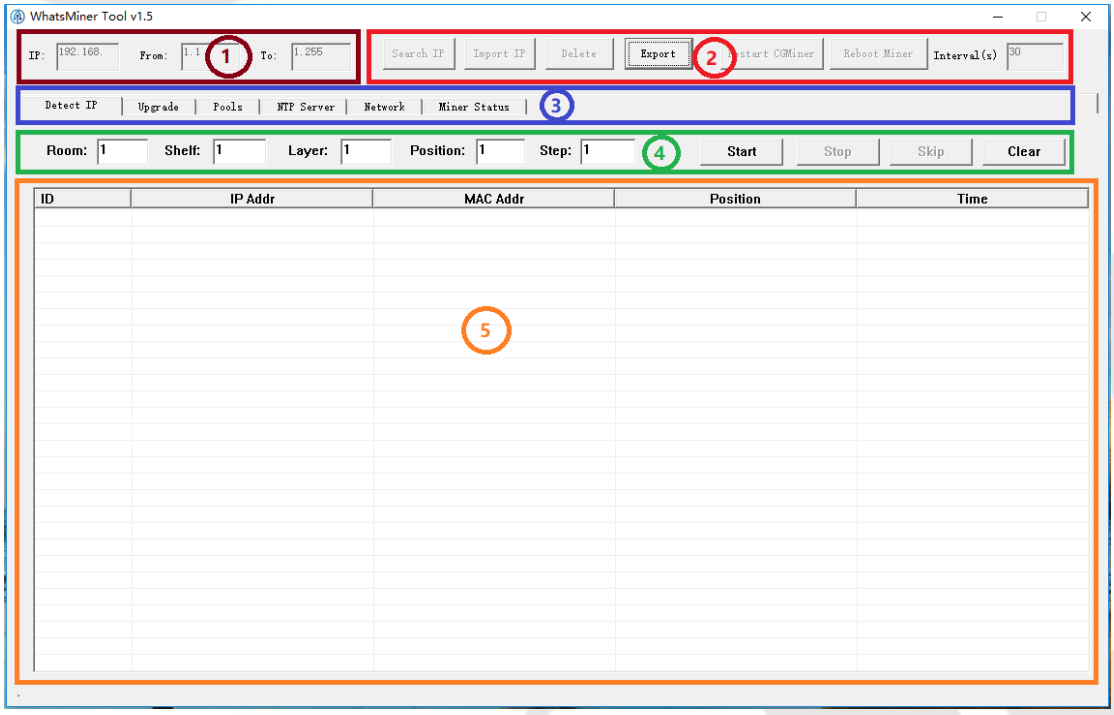
1. Introduction

This is a simple user guide for the WhatsMiner tool (WhatsMinerTool.exe). You can use WhatsMiner tool to detect your miner IP, modify your miner configurations (including pools, network, ntp servers etc), upgrade your miner firmware, and detect your miner info/status.

2. Running Environment

WhatsMinerTool can be run only on a Windows PC. It supports Windows 7/8/10.

3. Main Window

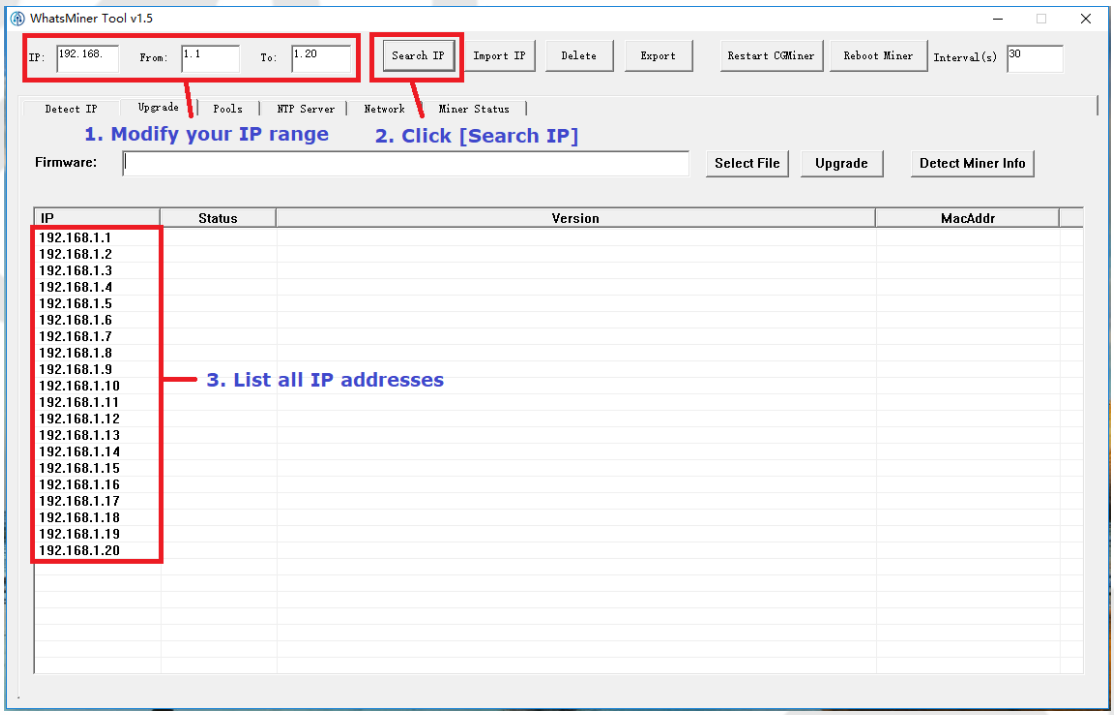


Area ① specify the IP address range to be searched.
Area ② are global operation buttons for all the tab pages.
Area ③ are tab pages that you can select to perform an operation.
Area ④ are parameters and operation buttons for a specific tab page.
Area ⑤ shows the operation status and result.

4. Global Operation Buttons

4.1. Search IP

You can add IP addresses to the list box by clicking the **[Search IP]** button.



4.2. Import IP

You can also import your miner IP address from a text file by clicking the **[Import IP]** button.

The IP address text file format is: one IP address per line. Like below:

192.168.1.1
192.168.1.2
192.168.1.3
…

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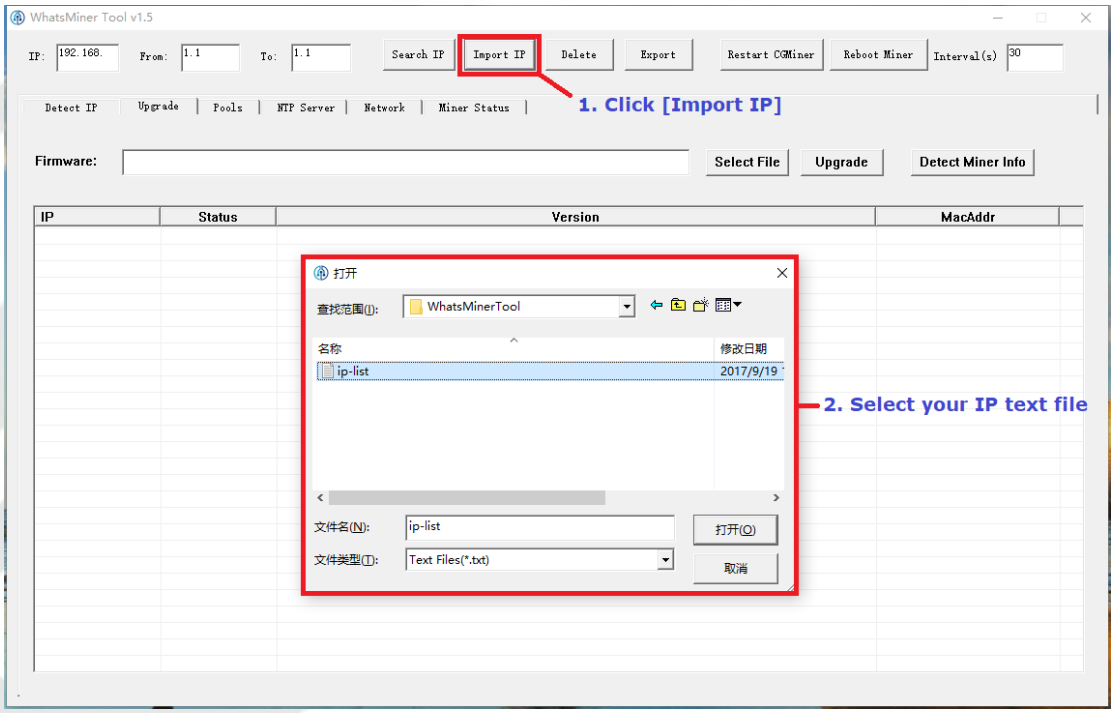
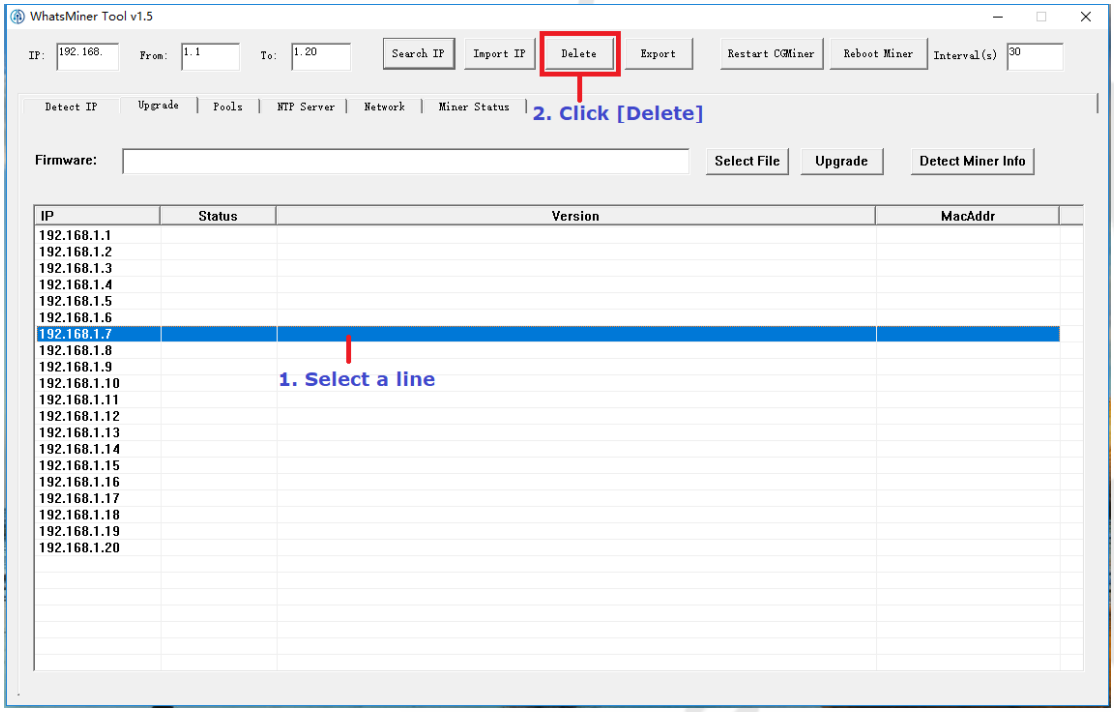
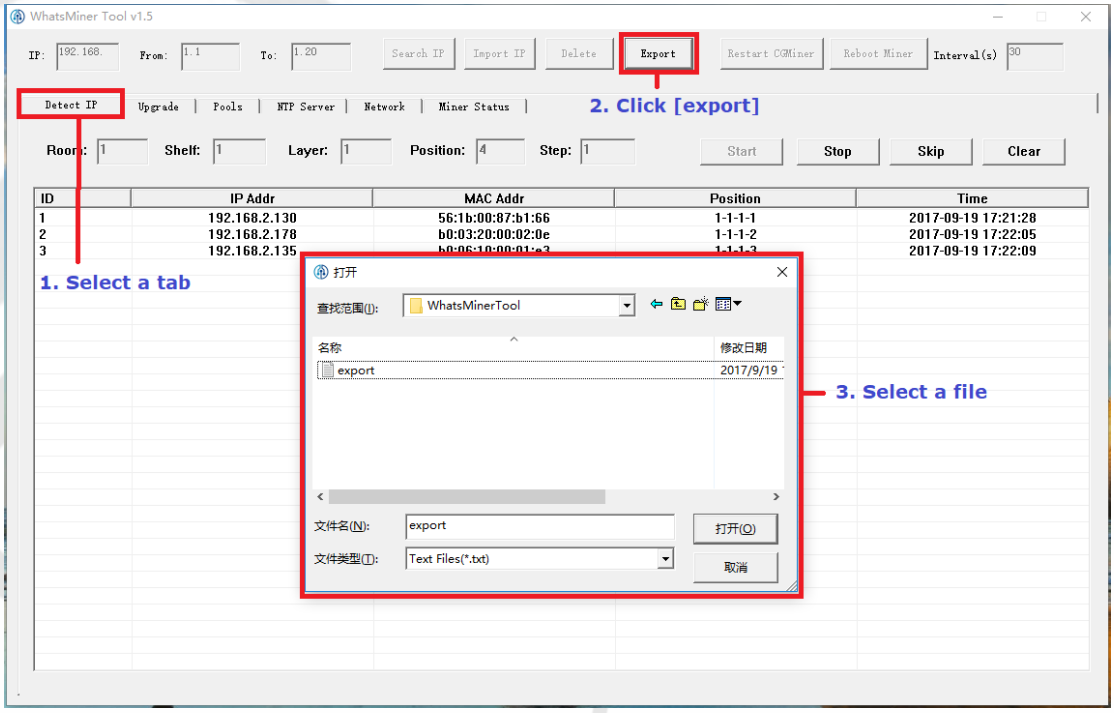


4.3. Delete

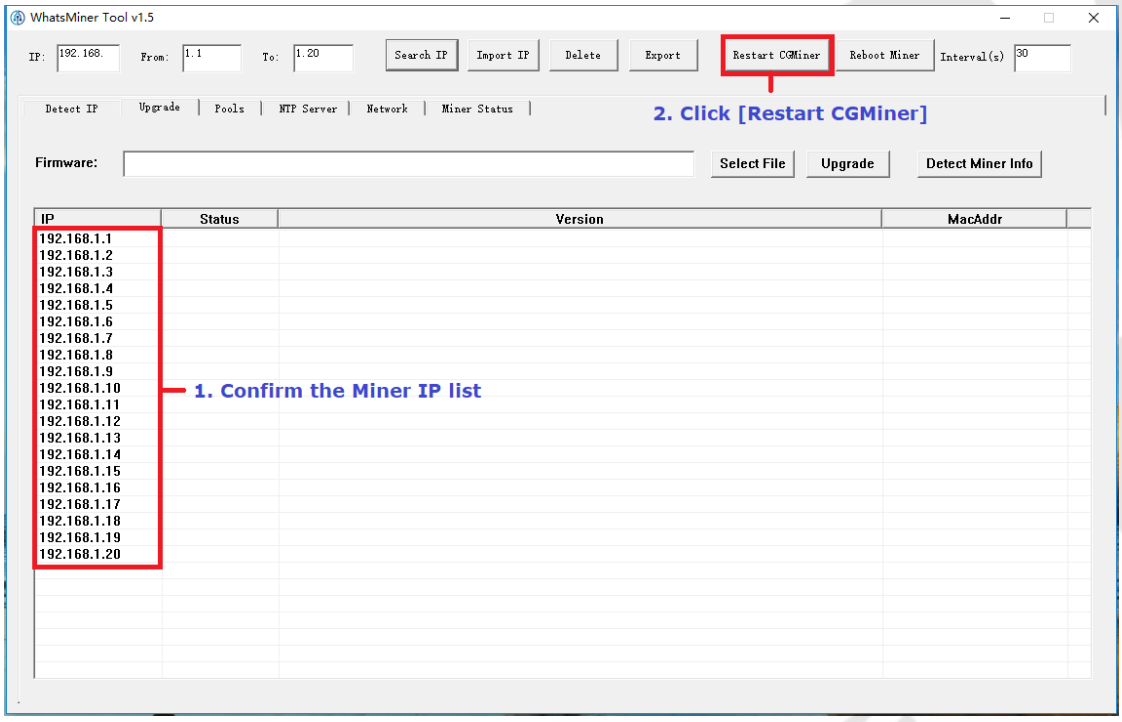


4.4. Export

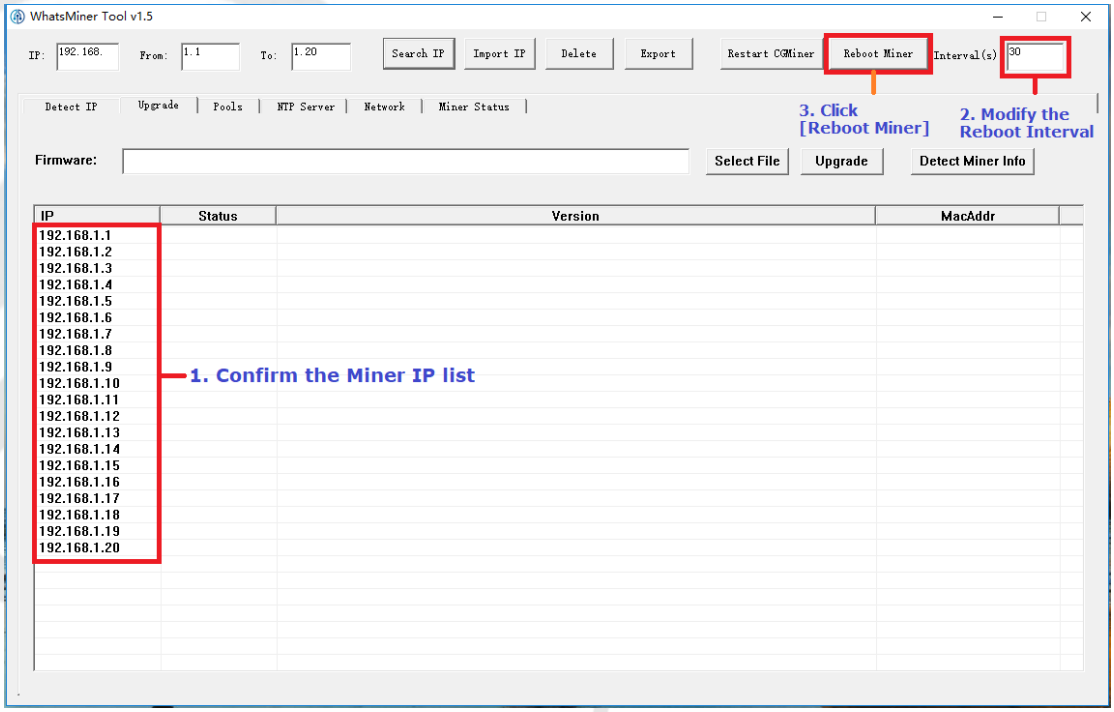
You can export the data of current tab page to a text file. Each column data is separated by a semicolon (';'). You can copy and paste data to Excel and separate them by ';'.



4.5. Restart CGMiner



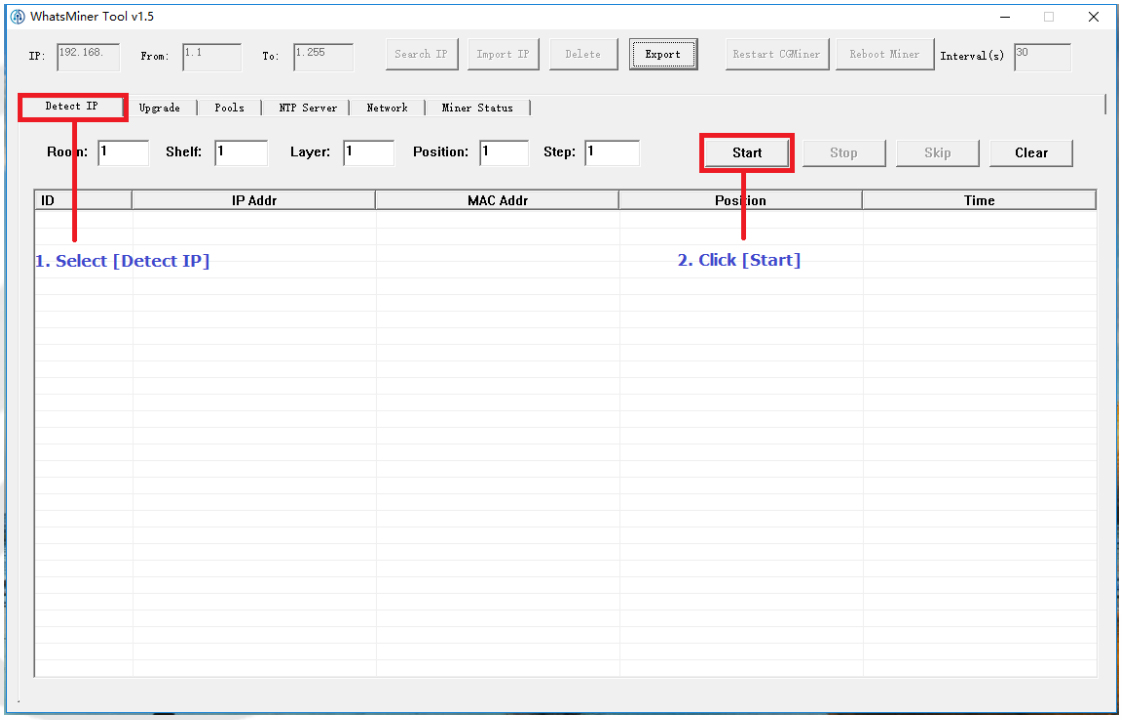
4.6. Reboot Miner



5. Detect IP

5.1. Enable IP Detecting

You can enable IP detecting by clicking **[Start]** button on the **[Detect IP]** tab page.



After starting IP detecting, you can click **[Stop]** button to stop it.

5.2. Auto Detecting the Miner IP

After starting IP detecting, WhatsMinerTool will detect and capture the Miner IP automatically.

You can report the Miner IP by this way: Press the long key of the control board (Near to the SD card slot) about 3 seconds, when you see the red & green LEDs flash about 3 times, then the Miner has reported its IP successfully.

And at the same time, WhatsMinerTool will receive the reported IP address, like this:

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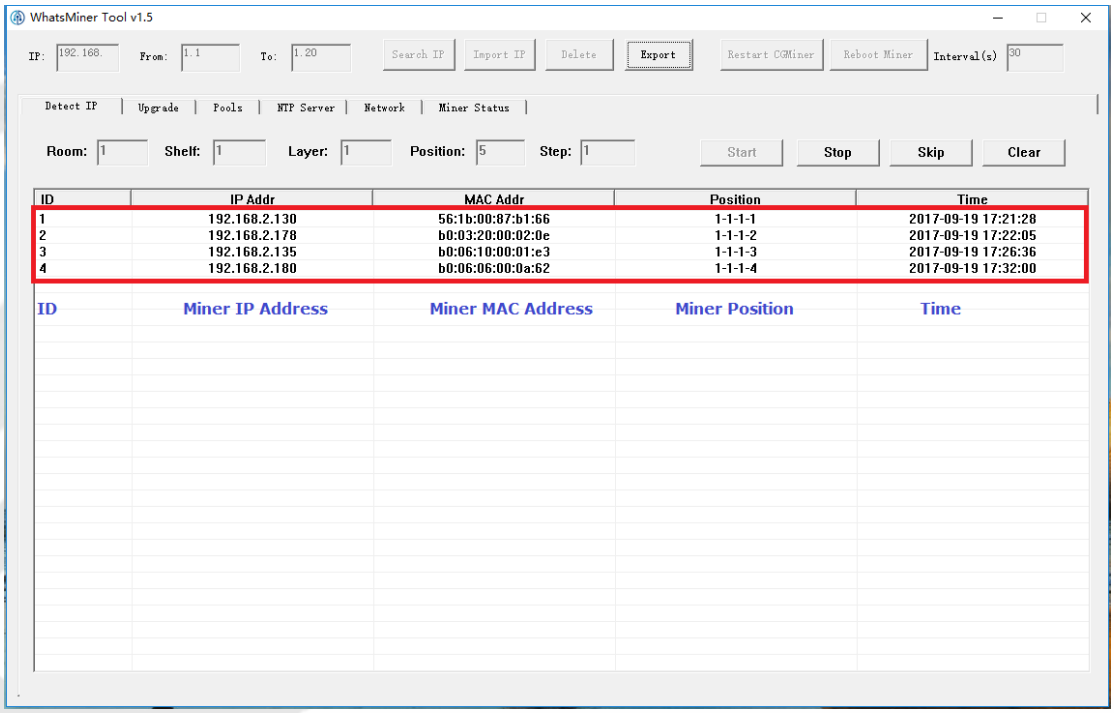

The [Position] column is composed by Room-Shelf-Layer-Position.

Click [Skip] to skip a position. Click [Clear] to clear the list box.

6. Firmware Upgrade

6.1. Detect Miner Info

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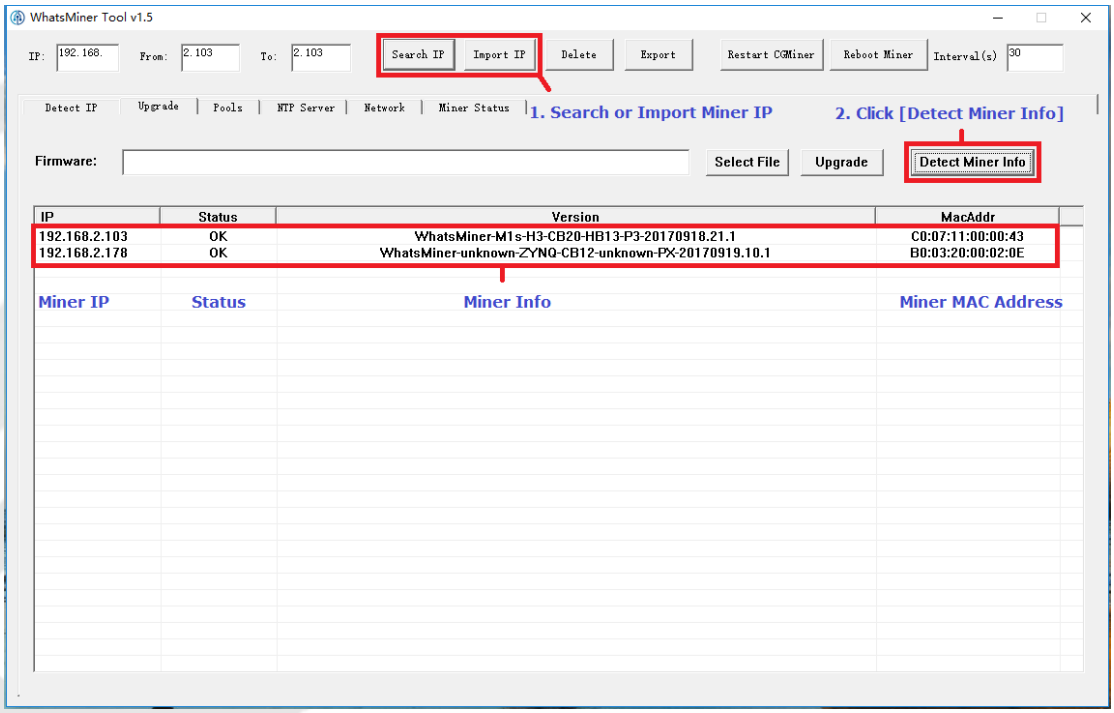
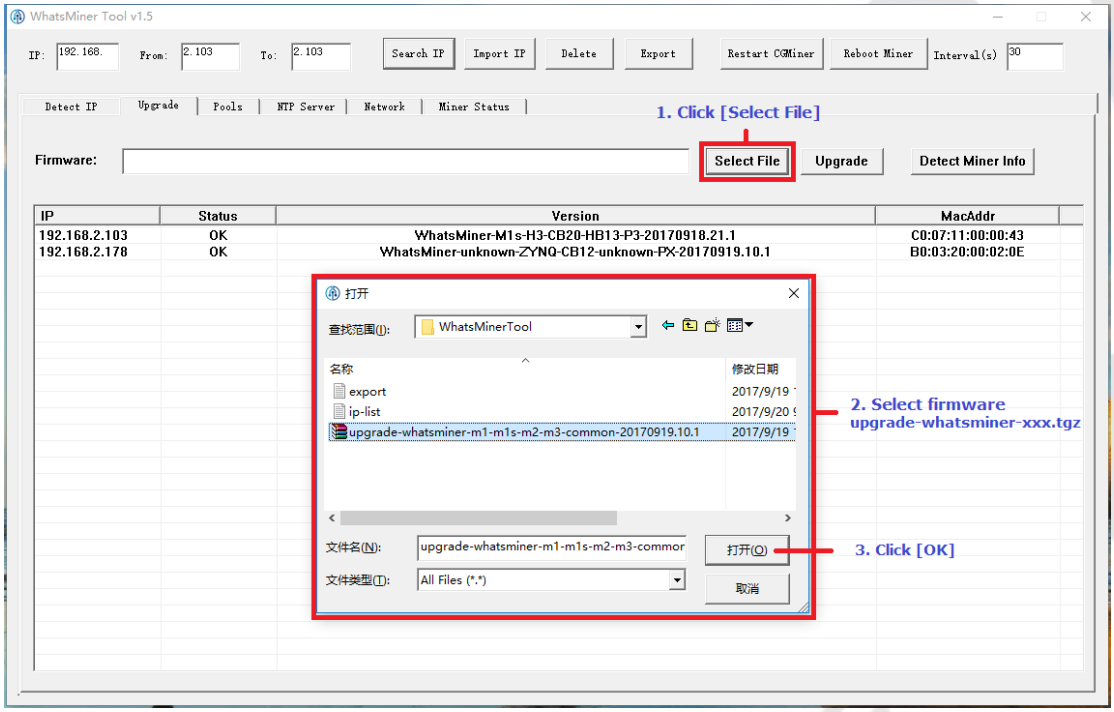
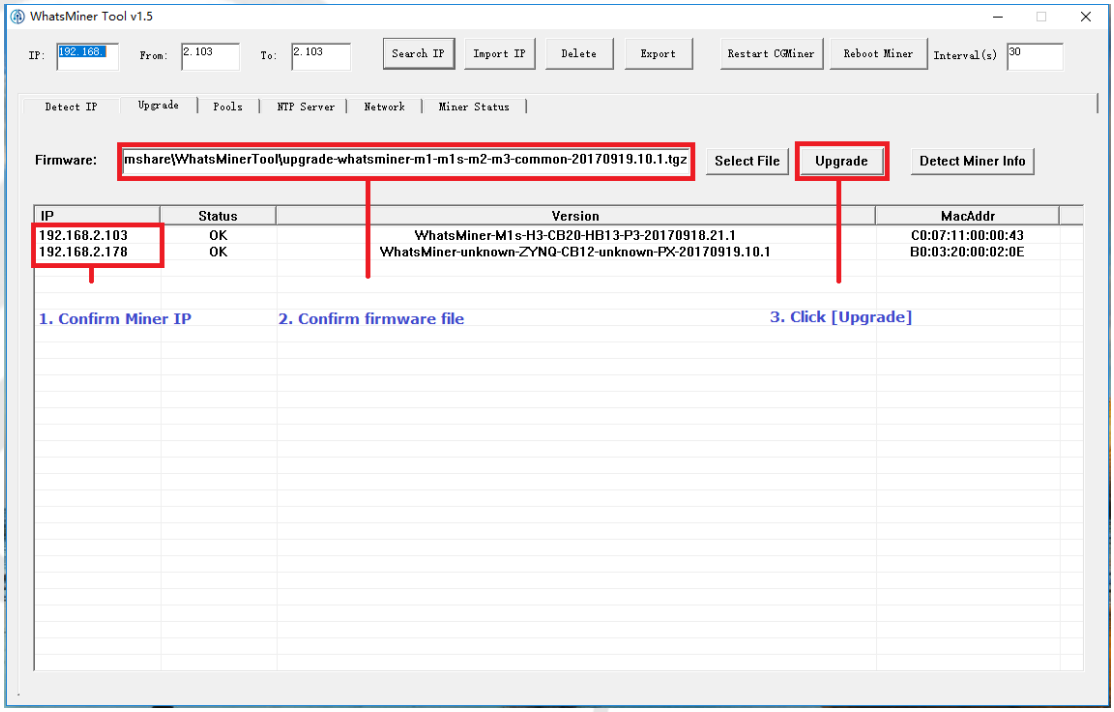


6.2. Firmware Upgrade

6.2.1. Select Firmware



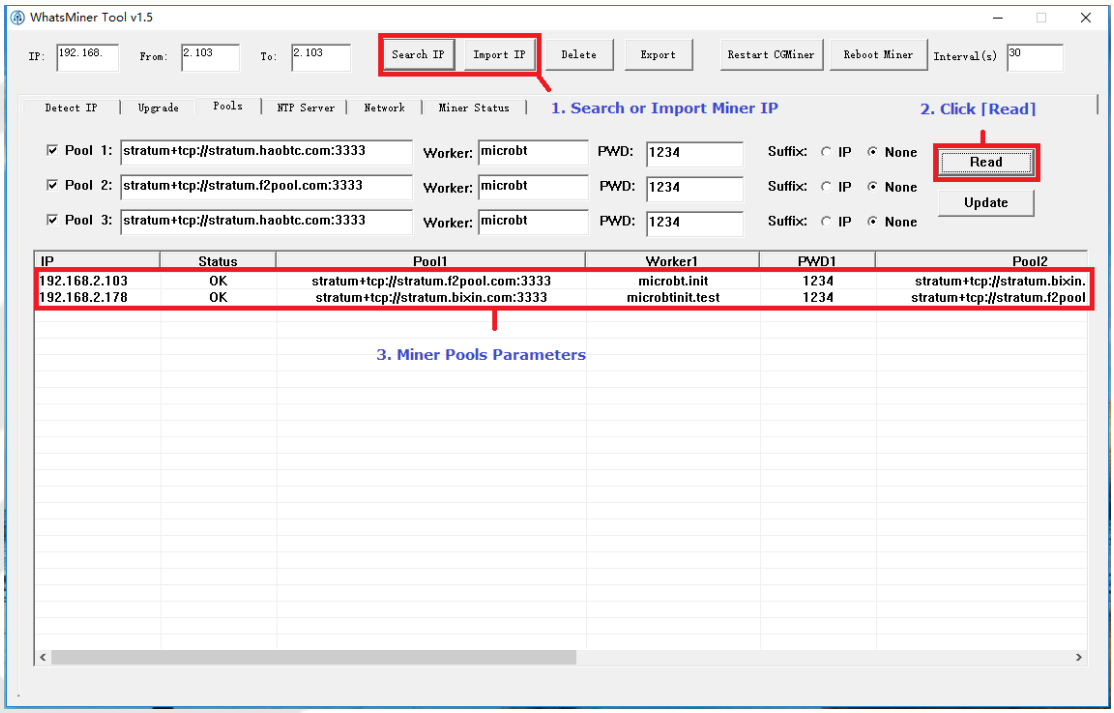
6.2.2. Start Upgrading Firmware



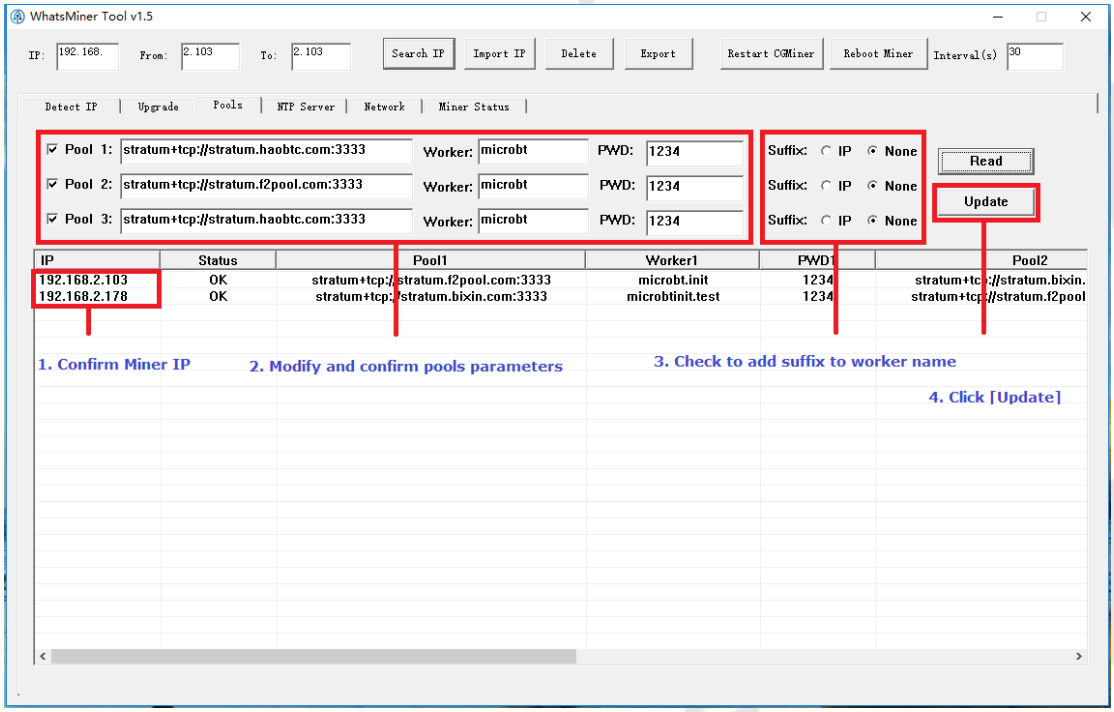
Click [OK] to perform the upgrade operation on the Message Box.

7. Pools

7.1. Read Pools Configuration



7.2. Update Pools Configuration



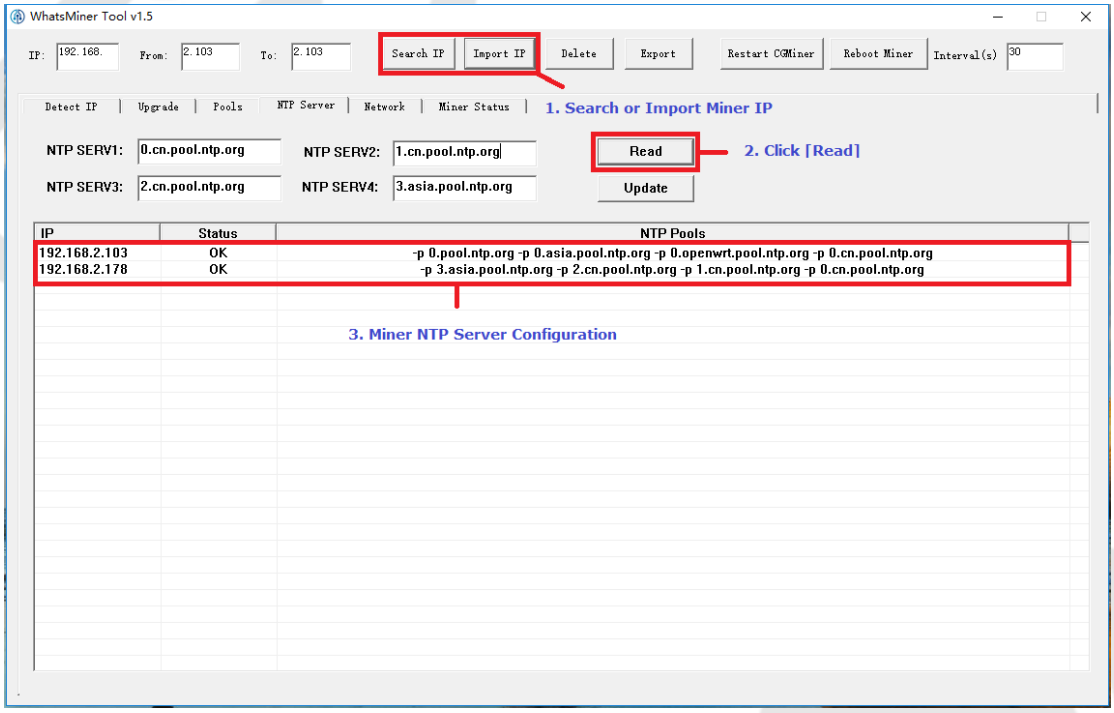
IP Suffix Usage:

1. When select **[None]**, no suffix will be added to the Worker name.
2. When select **[IP]**, the last three fields of the IP address will be added to the Worker name. For

example, for Miner 192.168.2.178, the Worker name will be microbtinit.test.168x2x178。

8. NTP Servers

8.1. Read NTP Servers



8.2. Update NTP Servers

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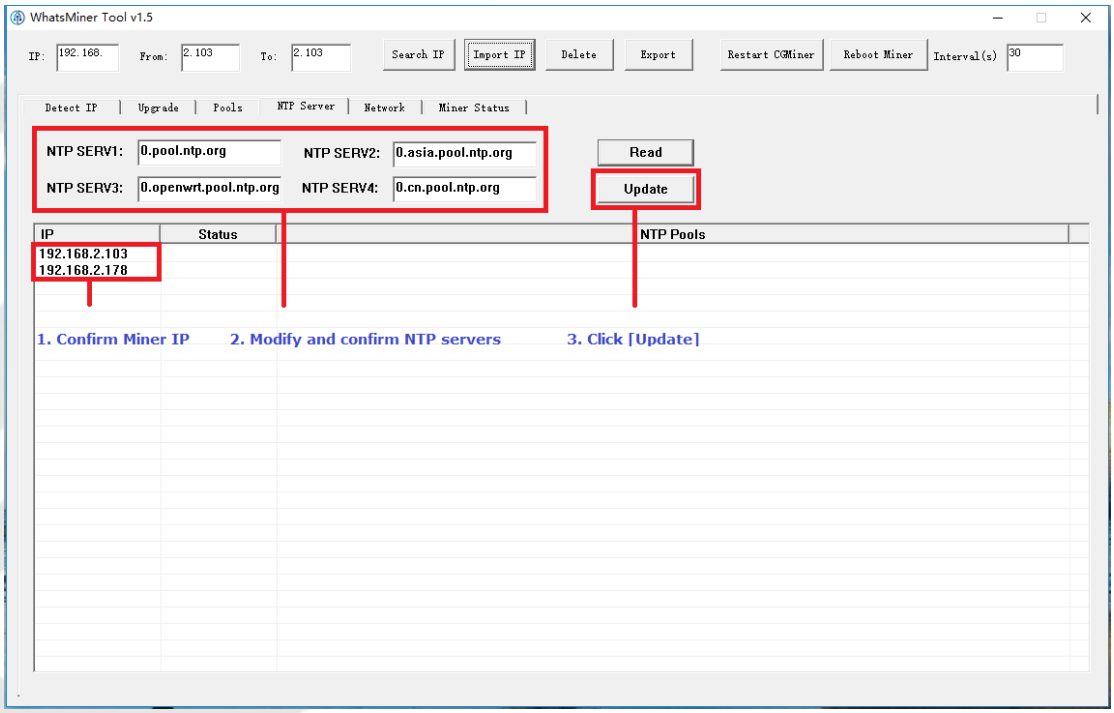

9. Network Parameters

Source IP is current IP of the Miner, Dest IP is the new IP of the Miner. The new Dest IP will be set to a static IP.

9.1. Import Src and Dest IP

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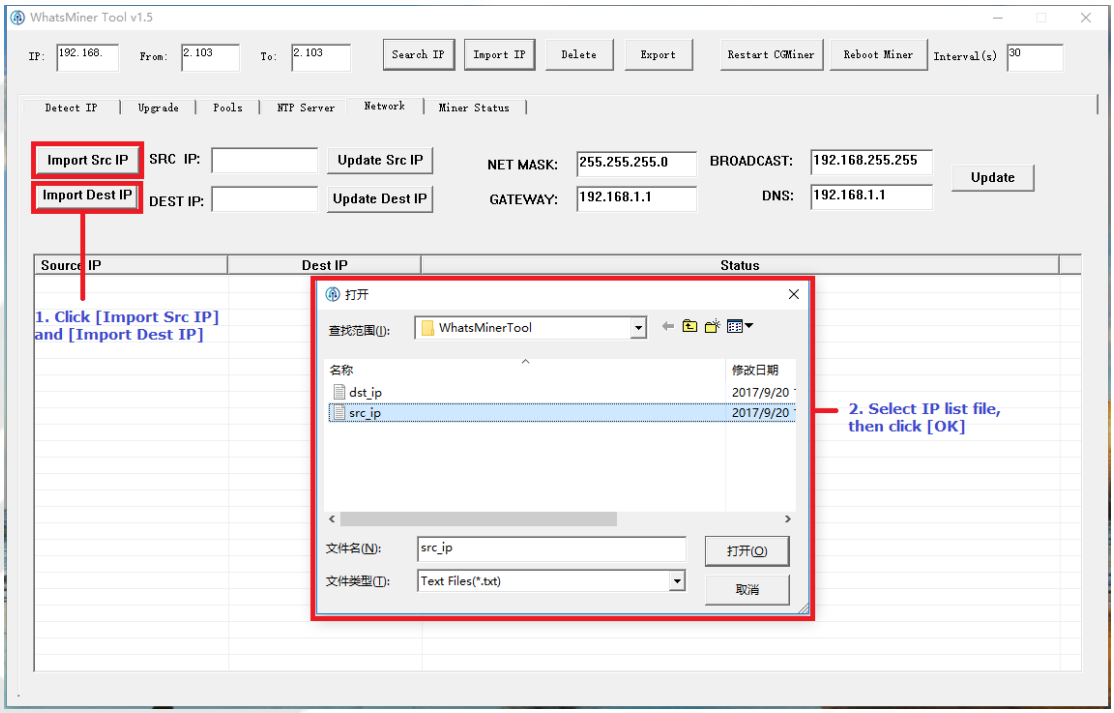
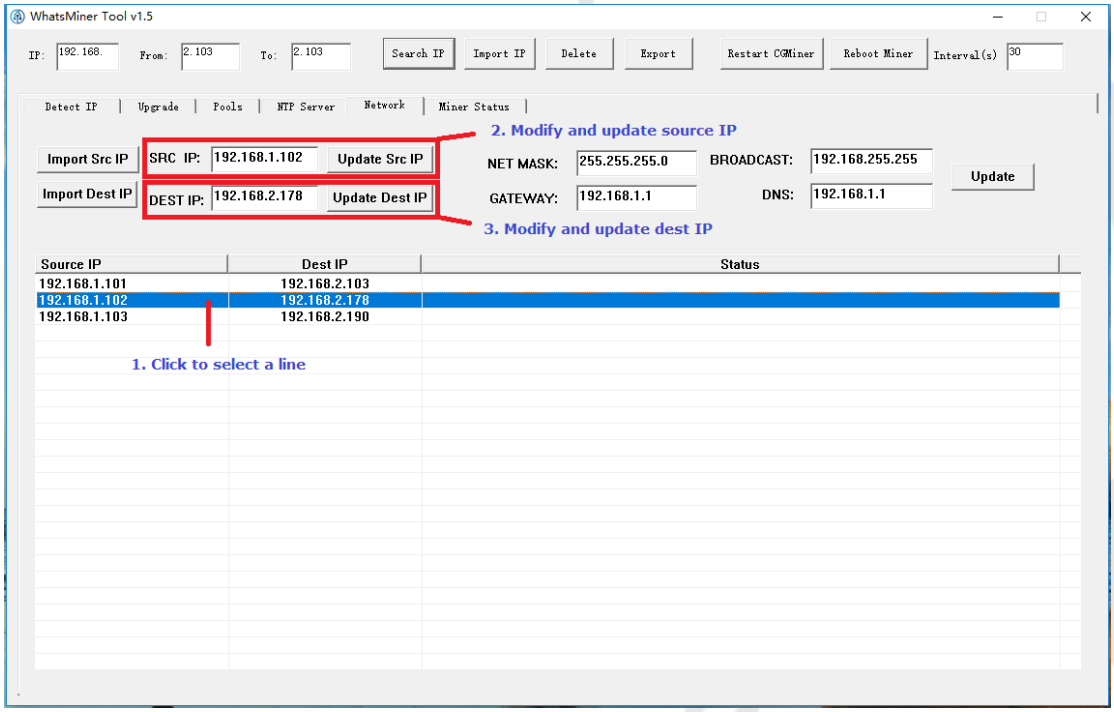
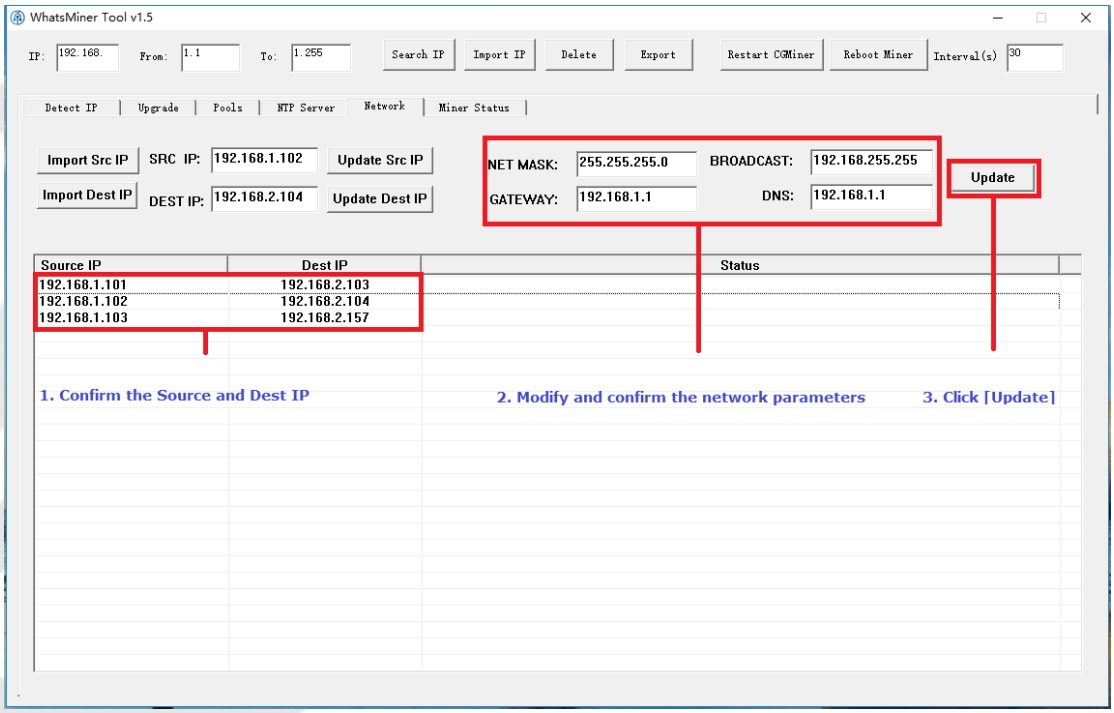


9.2. Modify Src and Dest IP



9.3. Update Network Parameters



Note: You must reboot the miner to enable the new network parameters after finishing the update operation.

10. Miner Status

10.1. Detecting Miner Status

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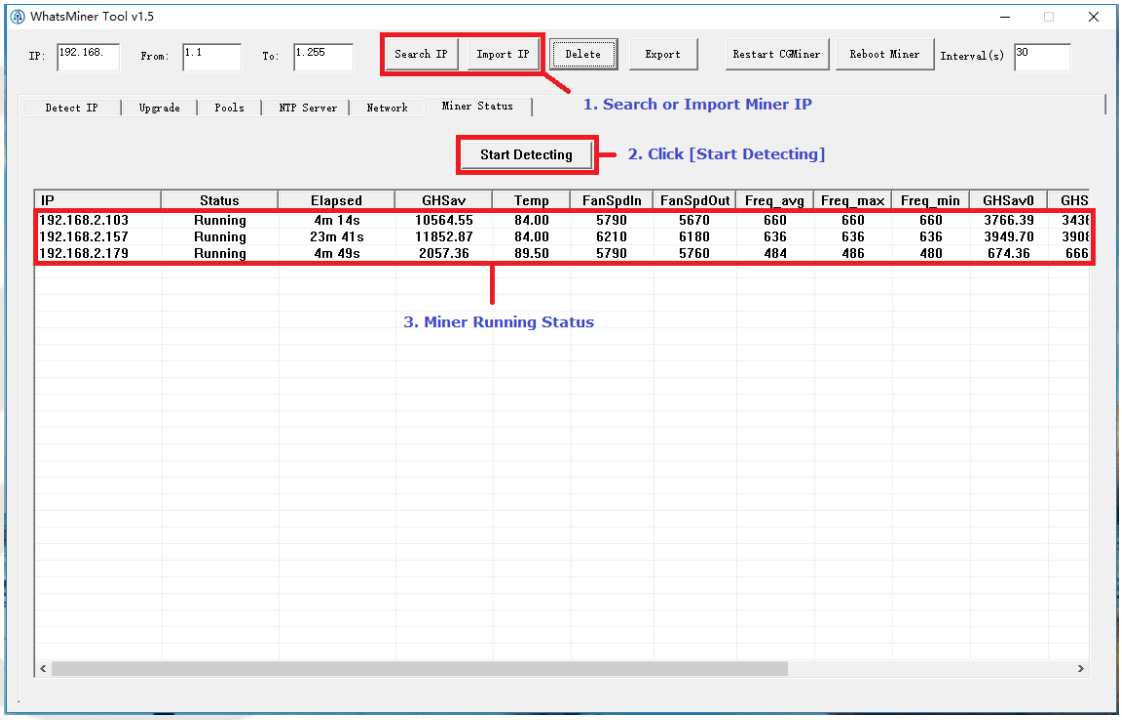
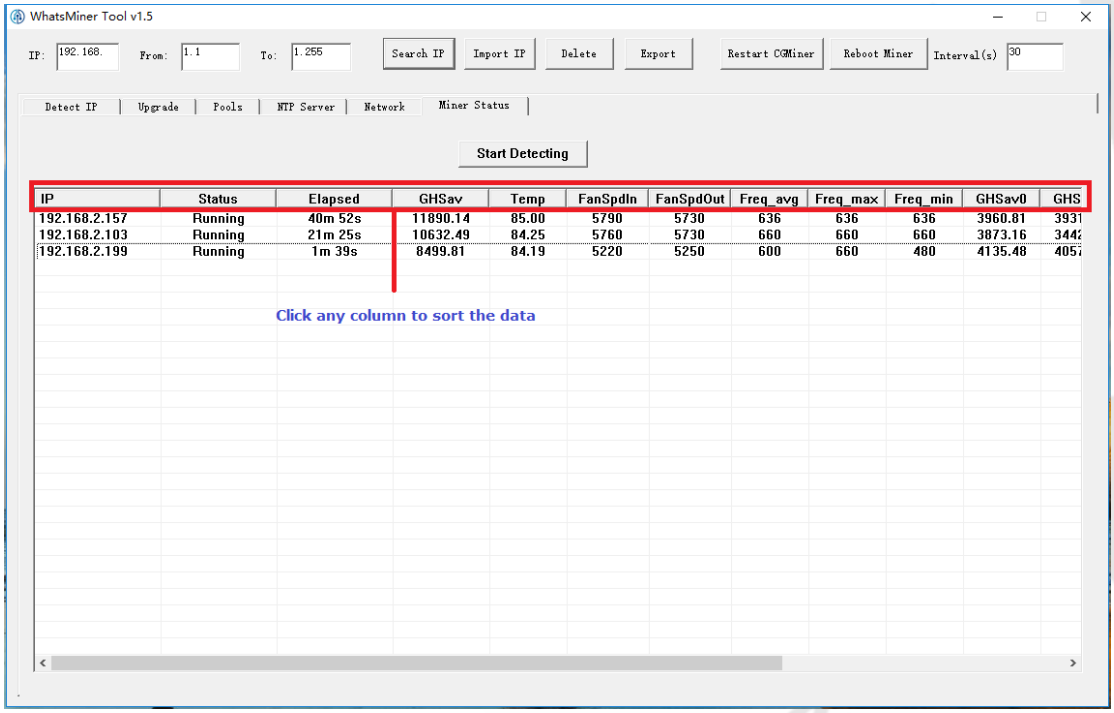
10.2. Sorting Miner Status