ElphaPexTool Operation Guide

ElphaPexTool Operation Guide V1.0.0

www.elphapex.com
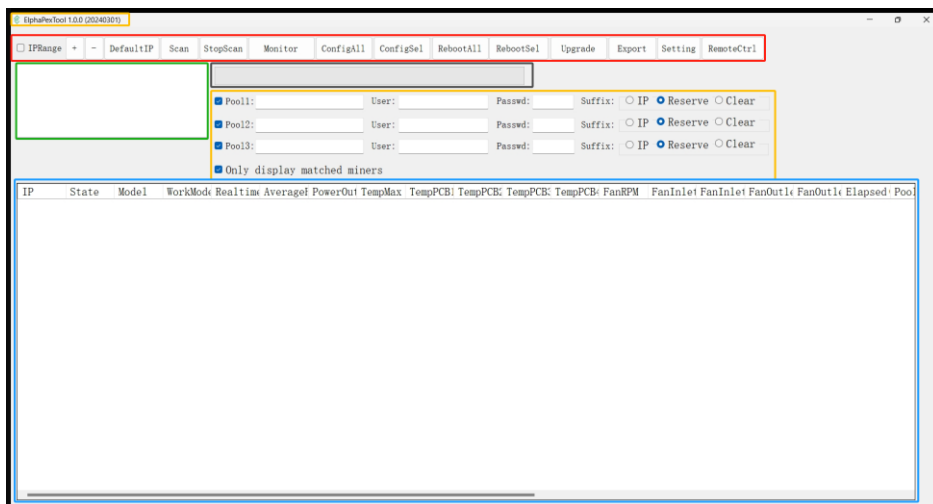
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1. Overview

This article introduces the operation instructions of the **ElphaPexTool** software, and the expected readers are the relevant personnel of the mine operation and maintenance.

2. Operating environment

ElphaPexTool can run on PC Windows 10/11 64-bit systems.

3. Tool main interface

After running the ElphaPexTool application, the main interface is displayed as follows:

Among them:

① Red box: function selection area

② Green box: IP range box

③ Blue box: Parameter status display bar

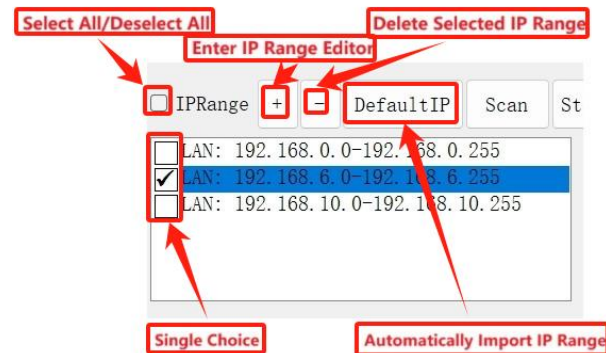④ Yellow box: mining pool address configuration bar and software version information

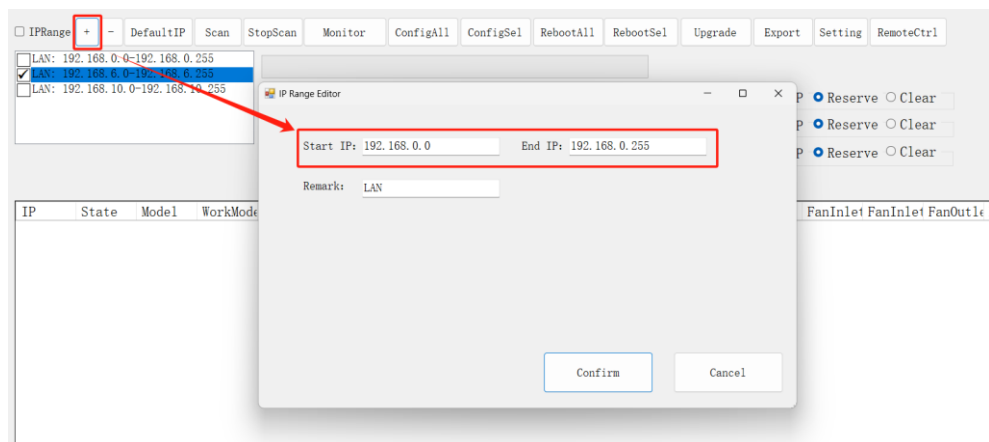⑤ Gray box: Operation progress status bar

4. IP scanning

4.1 Add IP segment

After selecting the IP segment, there will be a blue background color. After selecting it, you can perform the [**-**] deletion operation. Checking the radio box on

the left indicates that the IP range is within the scanning range. To centrally manage multiple IP ranges, a **select all/deselect all** button is provided; the **automatic import** button will add the default IP range (192.168.0.0 - 192.168.0.255). As shown below:
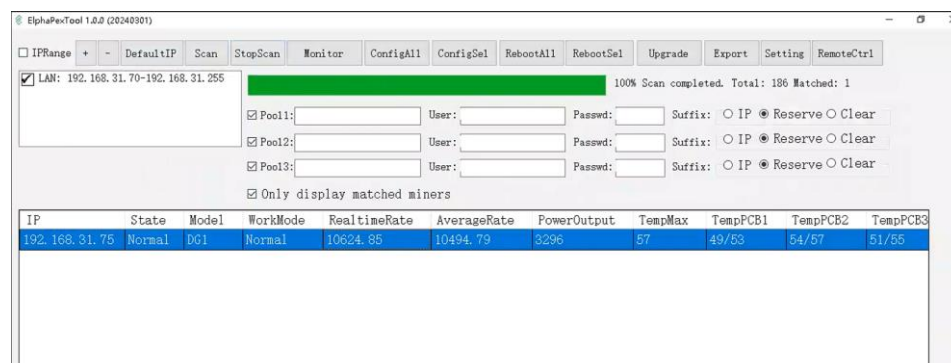

Click the [**+**] button to pop up the **IP Range Editor** window, enter the corresponding IP segments in the **Start IP** and **End IP** text boxes, and then click **Confirm**. As shown in the figure below:
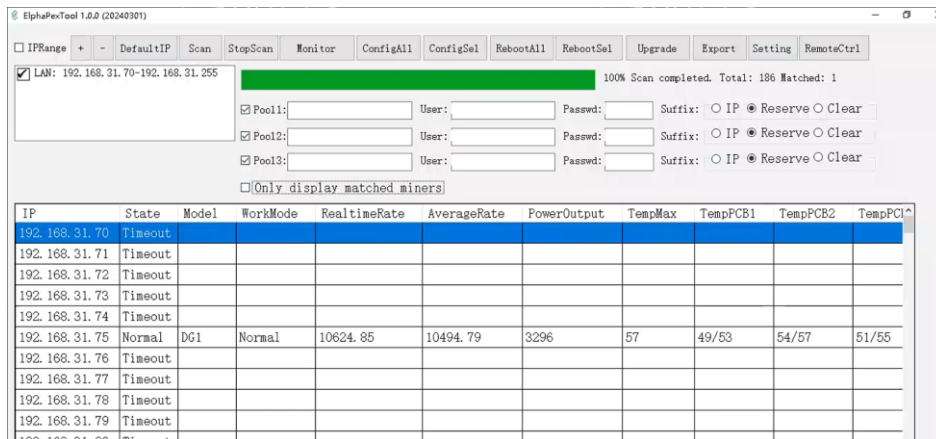

4.2 Scan IP

After adding the IP range list, check the IP segment to be scanned, and then click the **Scan** button. The miner IP of the corresponding network segment will be listed in the parameter status display column in the form of a list. Click **Cancel Scan** to abort the scanning process.
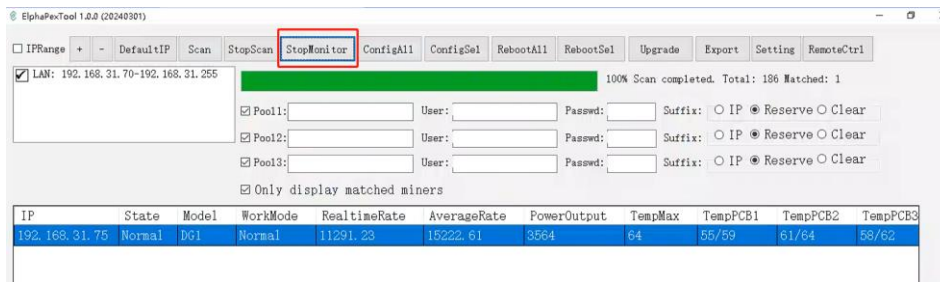
Click **Only display matched miners**, Show only miner IP or Show all IPs.
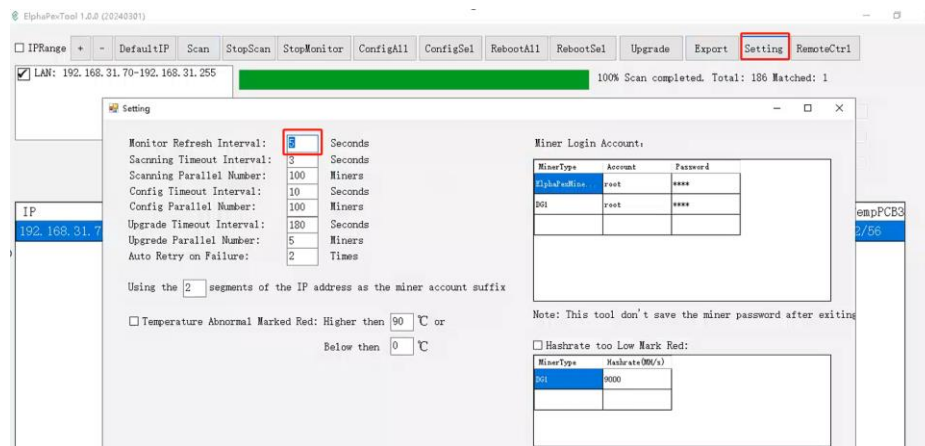

4.3 Monitoring

After scanning the IP, hold down Ctrl in the miner table to select multiple miners, and then click **Monitor** to periodically refresh the multi-selected miners parameter status, and the button changes to **StopMonitor**. As shown below:
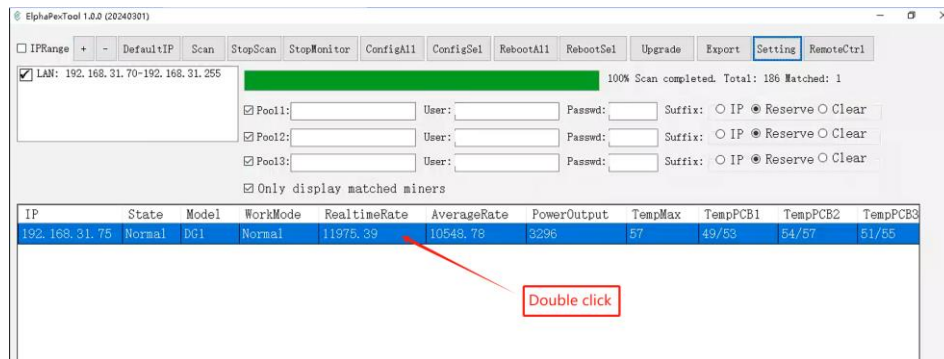

Click the **Settings** button to configure parameters such as **Monitoring Refresh Interval** time:
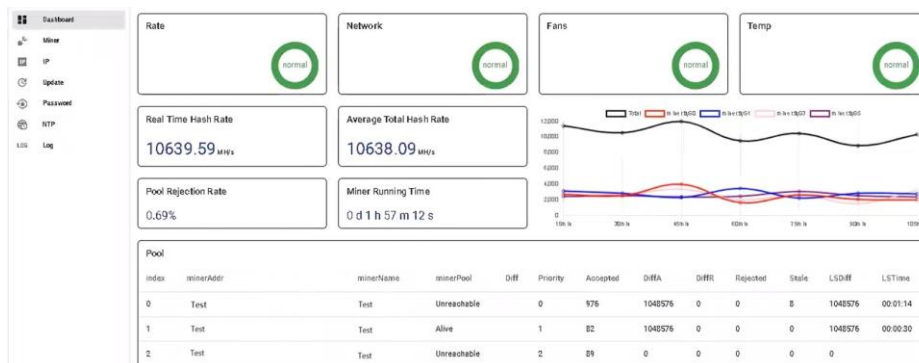

4.4 Jump to Miner Web Page

In the miner table, double-click the corresponding row of the miner to open the browser and jump to the web backend page of the miner, as shown below:
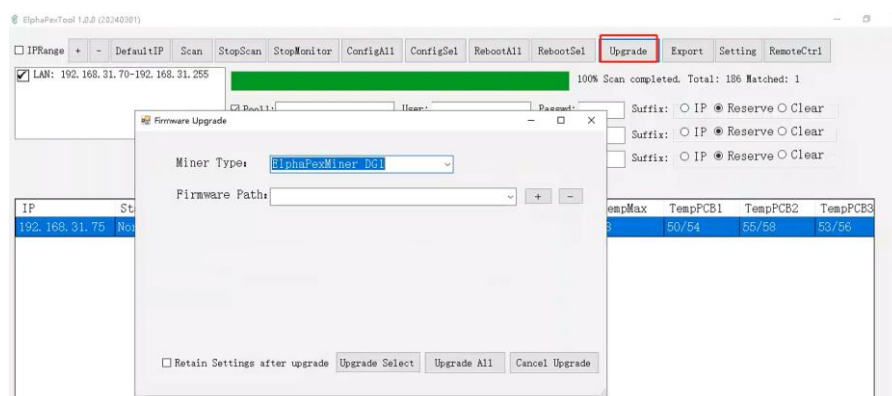
Web page information display:
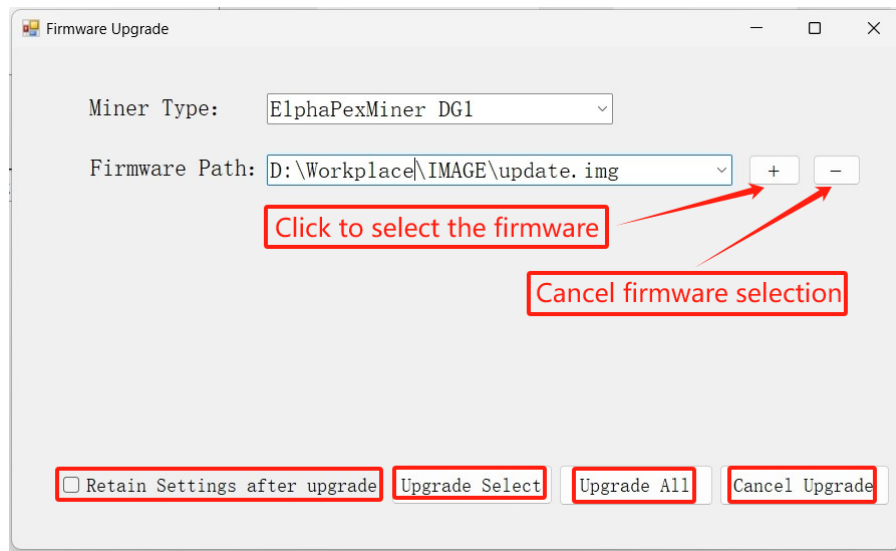

5. Firmware upgrade

5.1 Select Upgrade Miner

Consistent with the above **monitoring** selection, press and hold the **Ctrl** button, select multiple miners, and then click on **Upgrade** to pop up the **Firmware Upgrade** page, as shown below:

5.2 Select firmware file

In the **firmware upgrade** page, click [+], select the corresponding firmware path, as shown below, you can click [-], uncheck the firmware:
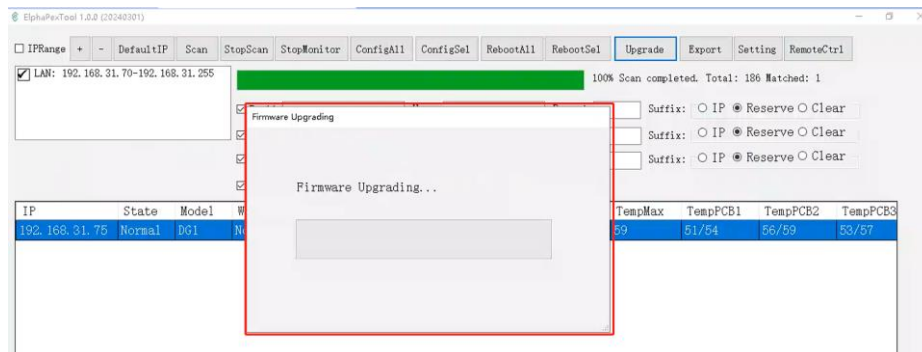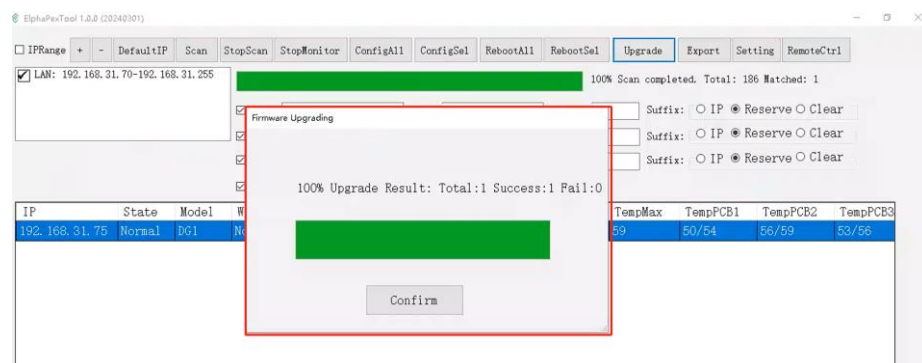
5.3 Start firmware upgrade

[Note]: ElphaPexTool 1.0.0 support .img format firmware and compressed .zip format firmware, the firmware file provided by ElphaPex shall prevail

Select the miner IP to be upgraded, select the firmware file, check the **Retain Settings after upgrade** according to the actual needs, and click the **Upgrade Select** or **Upgrade All** button to upgrade according to the actual needs, as mentioned in the picture above.

Demonstration here, click **Upgrade Selected**, pop-up **Firmware Upgrading** window, the window will show the real-time progress of the upgrade:
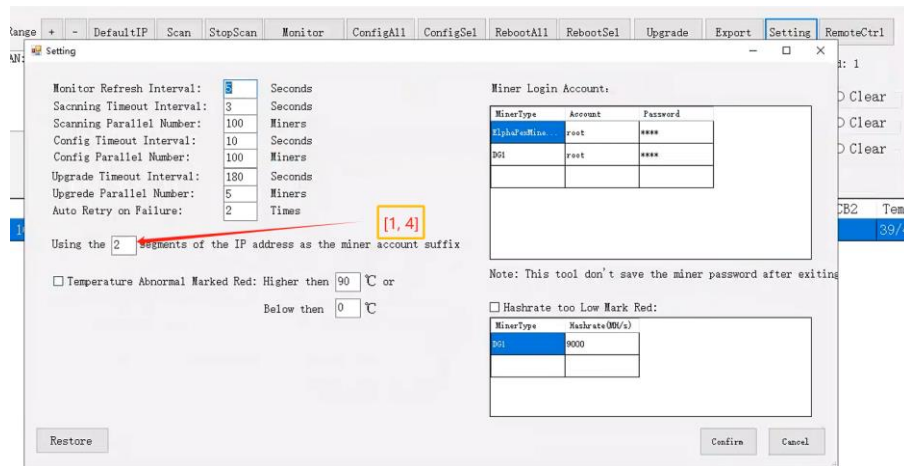

Upgrade completed, see the picture below:
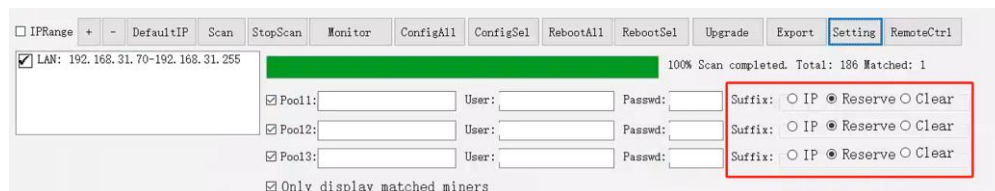
6. Configure Pool

6.1 Configure the settings before the pool

Click the **Settings** button to pop up the settings window. The number of suffixes for the miner user name can be selected from 1 to 4. Other options can be configured according to the needs. After the configuration is completed, click the **Confirm** button to save, as shown in the figure below:

Miner name suffix, as shown below:

- **IP** : Use the last 1-4 segments of IP as the suffix of the miner name

- **Do not change** : do not change the miner name suffix

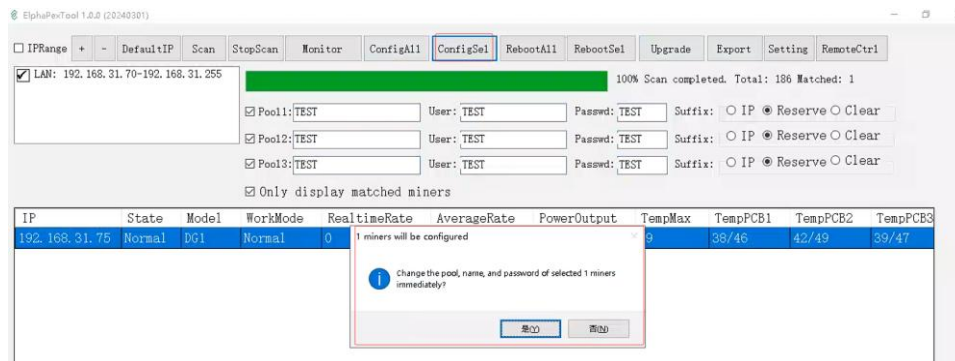- **Clear** : Clear miner name suffix, no suffix

Different configurations of **miner name suffix** reference as follows:

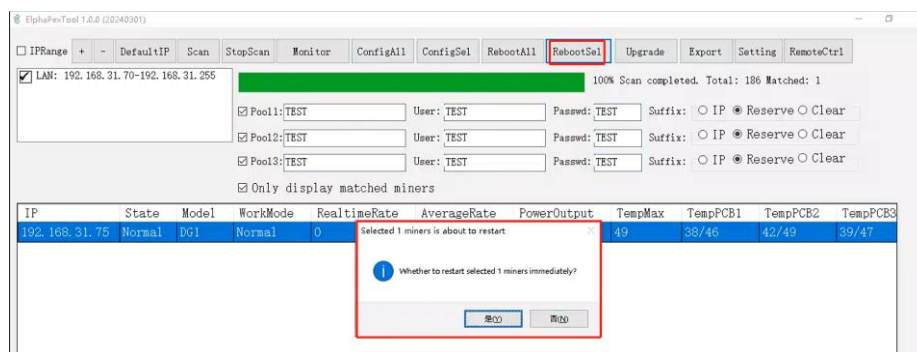| User	IP	suffix segments	IP	Reserve	Clear
elphapex	192.168.6.12	1	elphapex.12	elphapex	elphapex
elphapex	192.168.6.12	2	elphapex.6.12	elphapex	elphapex
elphapex	192.168.6.12	3	elphapex.168.6.12	elphapex	elphapex
elphapex	192.168.6.12	4	elphapex.192.168.6.12	elphapex	elphapex

6.2 Configure Pool

Enter the **Pool1**, **Pool2**, **Pool3** mining pool address, User(sub-account) name, password, select the miner name suffix form, then check the miner IP that needs to be configured, click **ConfigSel**(Configuration Select) or **ConfigAll** button, click the **Yes** button in the pop-up window, as shown below:
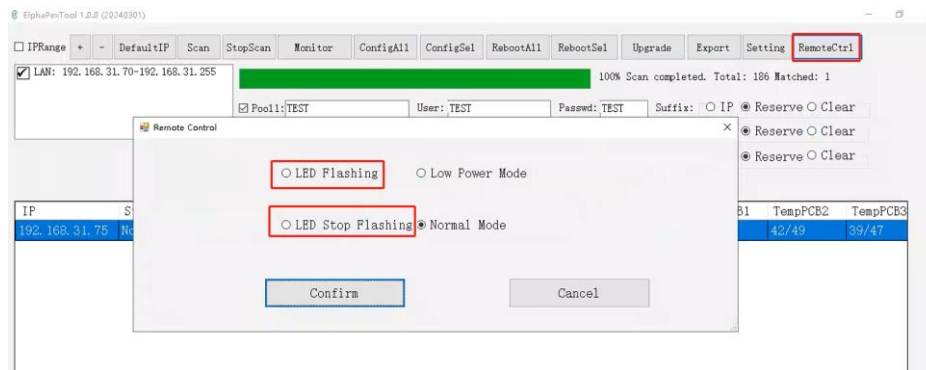

7. Restart the miner

Press and hold Ctrl to select the miner that needs to be restarted, click the **RebootSel**(reboot selected) button, restart some miners, or click **RebootAll**, restart all miners in the list, as shown below:
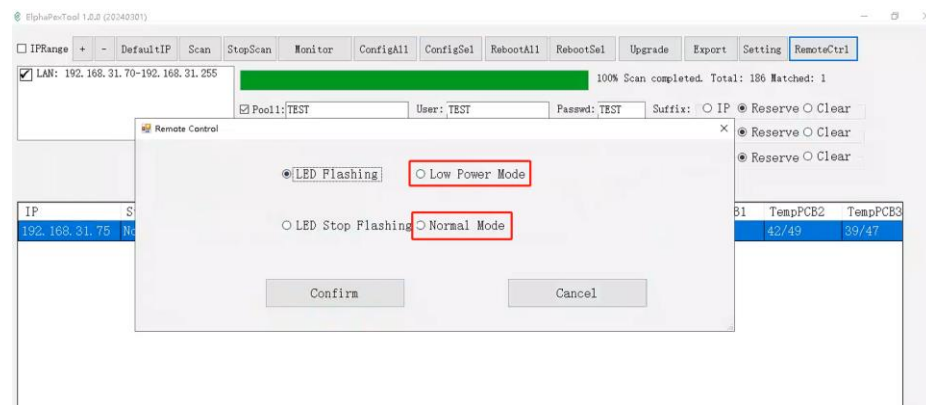

8. Remote control

8.1 LED Flashing

Select the controlled miner, click the **RemoteCtrl** button, select the **LED Flashing** in the pop-up **Remote Control** window dialog box, and then click the **Confirm** button. After the operation is completed, the selected miner's LED will flash quickly, which is convenient for quickly and accurately positioning the miner. You can select the **LED Stop Flashing** and turn off the LED flashing. As shown below:
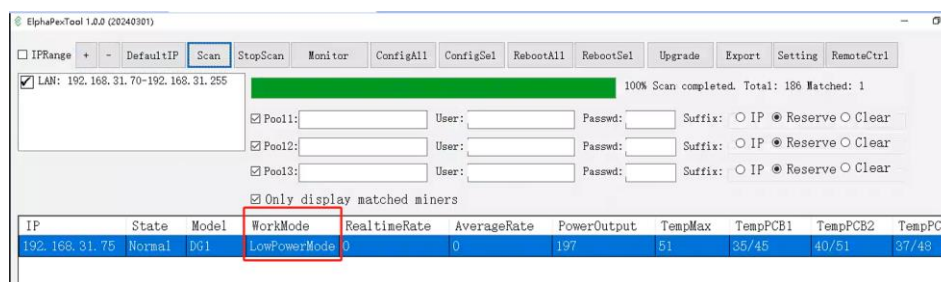
8.2 Work mode

Select the controlled miner, click the **RemoteCtrl** button, select the **Normal Mode** or **Low Power Mode** in the pop-up **Remote Control** window dialog box, and then click the **Confirm** button. As shown below:

Configure the finished operation mode, and after scanning again, you can observe the corresponding mode in the **WorkMode** column, as shown in the figure below:
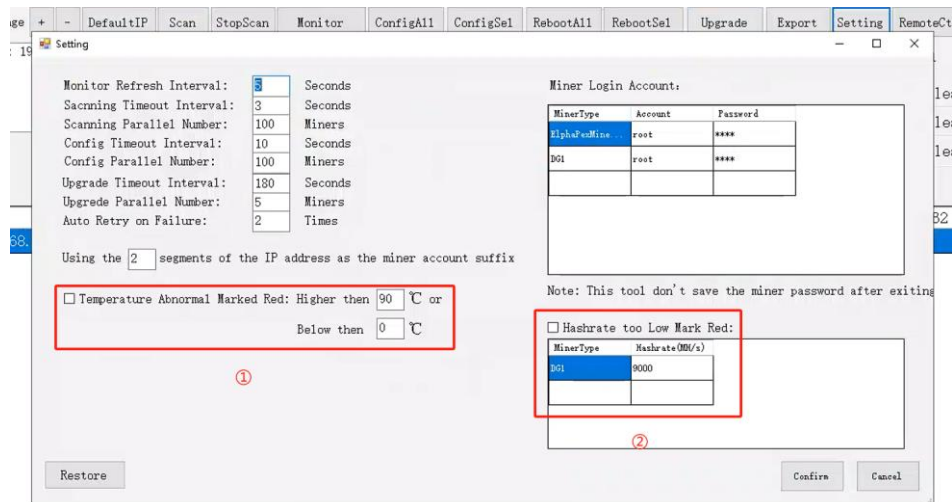

8.3 Red Marking Settings

a.   **Default highlighted item**

- **Temperature anomaly**

- **Abnormal fan speed**

b.   **Optional red item**

Click the **Settings** button, there are two highlighted condition options in the pop-

up **settings** window:

- ◦ **Temperature anomaly marked red**

- ◦ **Marked in red if the hashrate is too low.**

Red marking conditions can be configured according to actual needs, as shown in the following figure.

9. **Export data**

Click the **Export** button to export the list information in the current status list box to an external file (.csv format, which can be opened and edited with Excel). Export the data file name, default is " `ElphaPexTool_{Current Time}.csv` " , For example:

`ElphaPexTool_2024_03_11_04_29_56.csv`

The saved .csv file saves the parameter information of the current table (including other IP scan information).

10. Contact us

You can visit the ElphaPex official website to learn more about various information about the ElphaPex miners.

11. Other

If you encounter any problems during the use of the tool, please give us feedback in a timely manner. Your opinions are our driving force for progress. Thank you for using the ElphaPex miner.

Contact information:

Company website: www.elphapex.com
After-sales website: https://service.elphapex.com

Pre-sales email: sales@foundationlogic.com
After-sales email: Support@foundationlogic.com
After-sales customer service: https://t.me/ElphaPex_Aftersales_CS