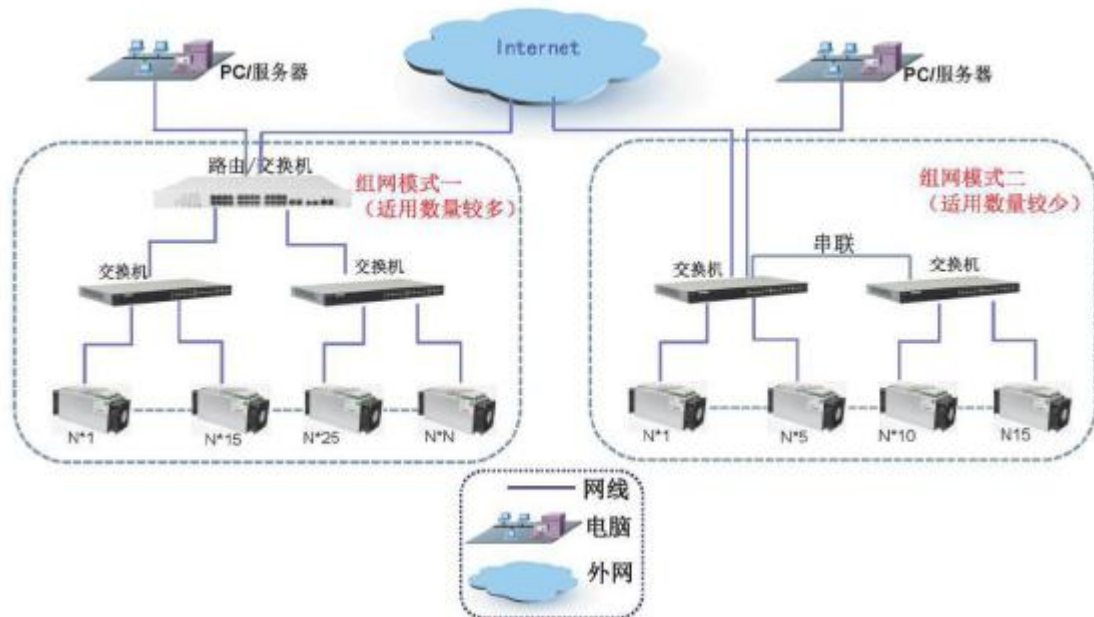


EBIT Miner Network Operation



1. Program requirements

EBIT model

Switch

Router

PC server (plz connect the LAN, not WIFI)

2. Plan description

As shown in the above network, the network is usually determined by the number of networks, but the accessories required for networking are the same, switches, routers, and PC Server and external network;

Medium-to-upper scale mode: use switch and routing mode for networking, routing needs to be connected to the external network, all Wingbit models pass

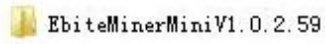
Connect the switch port through the network cable (using the super five network cable). When the number is full, you can connect to the routing port.

When the PC server is connected to the external network route; the device will focus on the device settings later, usually the PC server needs to perform the wing ratio.

Special machine type IP address, mine pool address, miner number and other related parameter settings

1. IP address management

(1) Operating software picture



Notice: [method of getting the software](#)

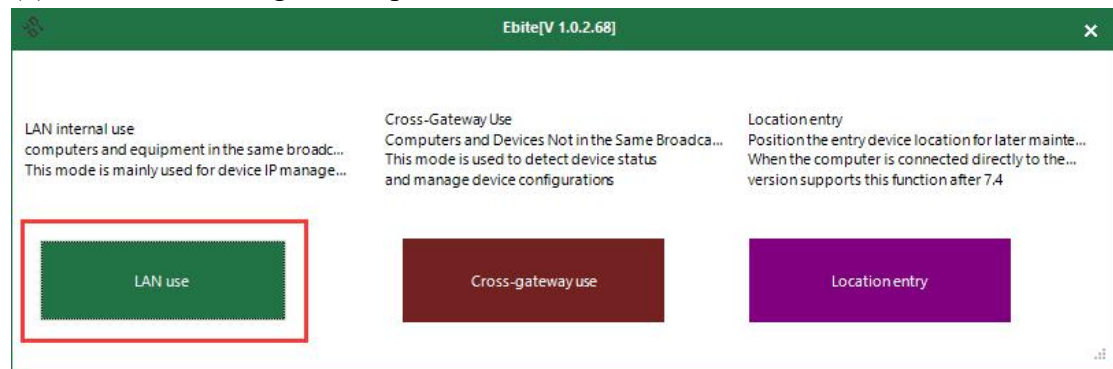
(2) Operating software icon



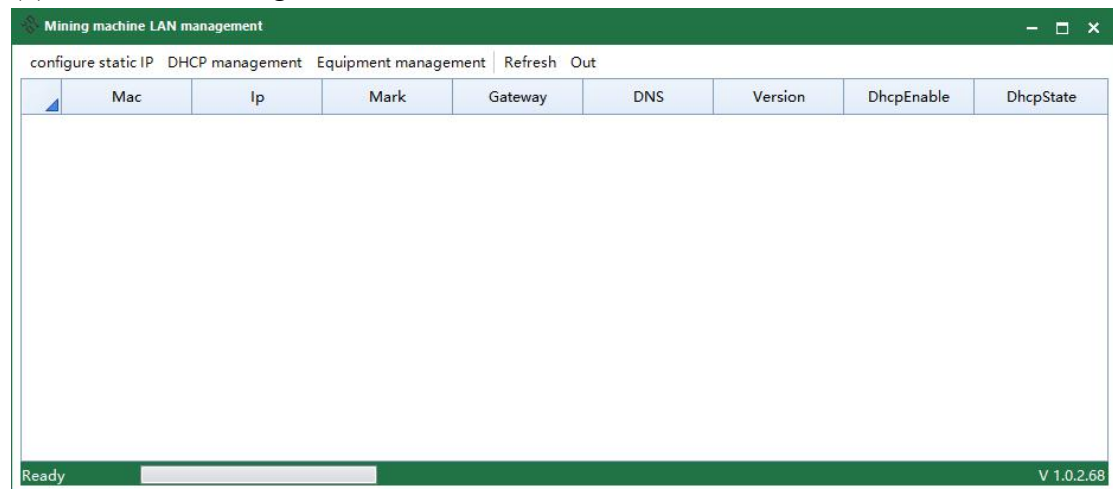
A. Install the dotNetFx40_Full_x86_x64 plug-in before using the EbiteMinerMini software.

B. Winpcap_4_1_3 plug-in, after the installation is complete, the software can be used normally.

(3) IP address management options



(4) IP address management interface



(5) IP address function setting

Configuration Method 1: Configure Static IP--Configure Selected Device--Configure Start IP and Cutoff IP Address

Note: Before operation, you need to select the device to be set. The first method is applicable to the planned IP address. The starting IP address can be The IP address of the first device is the IP of the last device. The software automatically delivers the selected device online.

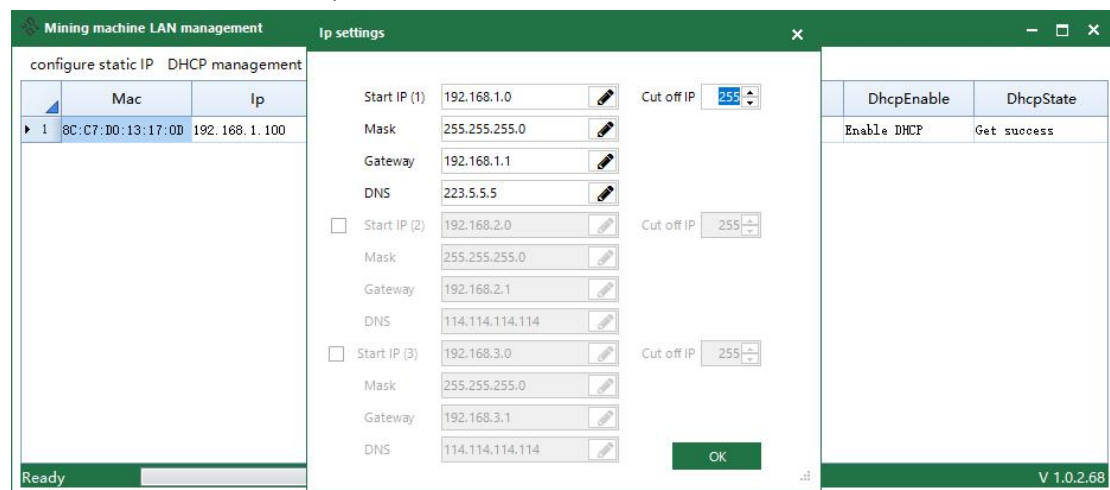
Example setting: Start IP: 192.168.1.2 Cutoff IP: 192.168.1.253 Gateway configuration: 192.168.1.1

251 IP addresses are available, and 251 devices can be equipped (as of IP, depending on the online device);

Configuration Method 2: Configure Static IP--Configure All Devices--Configure Start IP and Cutoff IP Address

Note: Before operation, you need to select the device to be set. The second method is applicable to the small-range IP address setting, which can be directly issued.

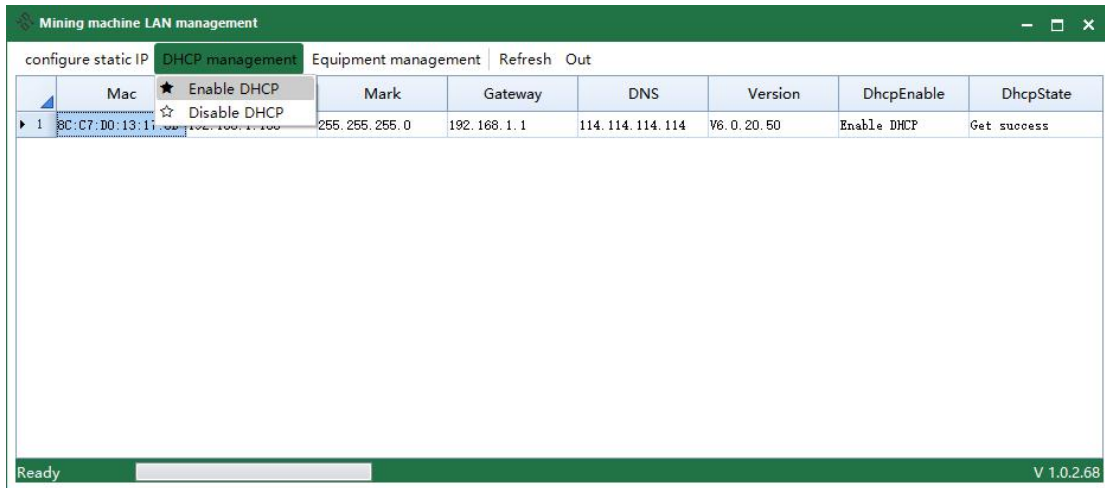
Line all device addresses;



Configuration Method 3: DHCP Management--Enable DHCP

Note: Before operation, you need to select the device to be set. The third method is applicable to automatically sending IP addresses without automatic planning.

Easy to do, but the drawback is that the equipment is not well managed;



Dynamic configuration diagram

Summary: This function is used for device IP address management, which can be used for unified management and setting of devices.

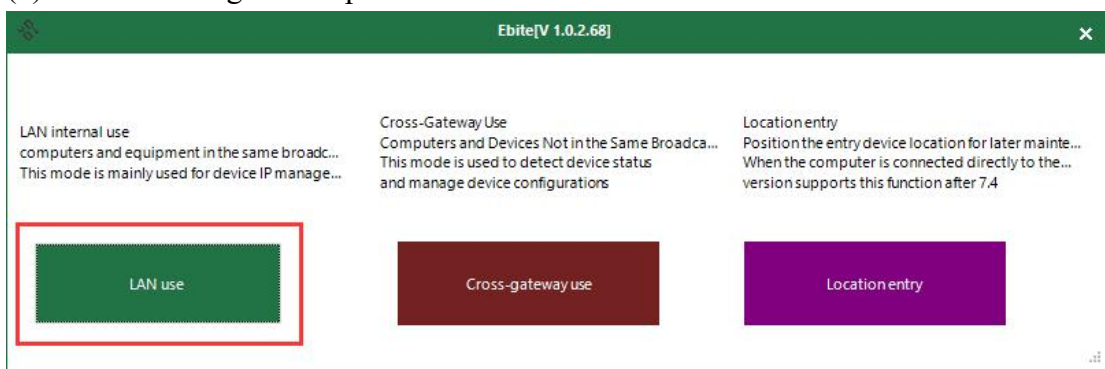
This function can be used to read the device IP and make related settings. After the device IP unified setting is completed, go to the second step.

Equipment management, start to set up equipment mine pool and miner number (setting the premise needs to determine the mine pool address, usually a main choice for the mine pool

Two alternatives, and simultaneously apply for registration of a successful miner number), observing the operating status of the equipment;

2. Equipment management

(1) Device management options



(2) Device management interface

eb100矿机网络管理软件

导入设备 | 设备管理 | 刷新选中 | 刷新全部 | 删除选中 | 删除所有 | 导出 | 设备监控

	IP	获取状态	软件版本	硬件版本号	频率	5秒算力	60秒算力	平均算力	工作状态
▼									

(3) Device import settings

Configuration mode: Import device--Network segment import--Configure network segment IP address

Note: The starting IP should be the set starting address, and the cutoff IP should be the last device IP address imported.

Software upgrade

The machine IP:

TFTP server: Off

Select a document:

NodeName

(4) Check the device status
 Configuration mode: refresh all

IP	Get status	Soft Version	Hard Version	Frequency	5 seconds	60 seconds	Average arith...	Temperature ...	Temperature ...	Temperature ...	Work State	Average arith...	Average arith...	Average arith...	Average arith...	Average arith...	Average arith...	Fan Speed
192.168.1.100	Get success	v6.0.20.50	BM2420F-DP-46	750	9.48PT	9126.00000	6161.000000	63.63.57	69.60.63	59.66.52	0.0.0.0.00000...	1021.000000	1036.000000	1021.000000	1029.000000	1029.000000	1026.000000	4980

(5) Configuration of the mining pool and the user
 Configuration mode: right click on the working pool - equipment management - mine pool settings

Note: The miner number can be configured at the same time in the configuration of the mine pool. The common mine pool is generally divided into two main mine pools and two reserve mine pools.

IP	Get status	Soft Version	Hard Version	Frequency	5 seconds	60 seconds	Average arith...	Temperature ...	Temperature ...	Temperature ...	Work State	Average arith...	Average arith...	Average arith...	Average arith...	Average arith...	Average arith...	Fan Speed
192.168.1.100	Get success	v6.0.20.50	BM2420F-DP-46	750	9.48PT	9126.00000	6161.000000	63.63.57	69.60.63	59.66.52	0.0.0.0.00000...	1021.000000	1036.000000	1021.000000	1029.000000	1029.000000	1026.000000	4980

(6) Mining pool Miner configuration view

Mine configuration

Preferred mine pool

Address

Miner Password

Reserve mine No.1

Address

Miner Password

Reserve mine No.2

Address

Miner Password

★ IP do miners suffix:

"IP point replacement"


"Several bits after using IP:"

OK

3. Equipment upgrade management

(1) Upgrade view

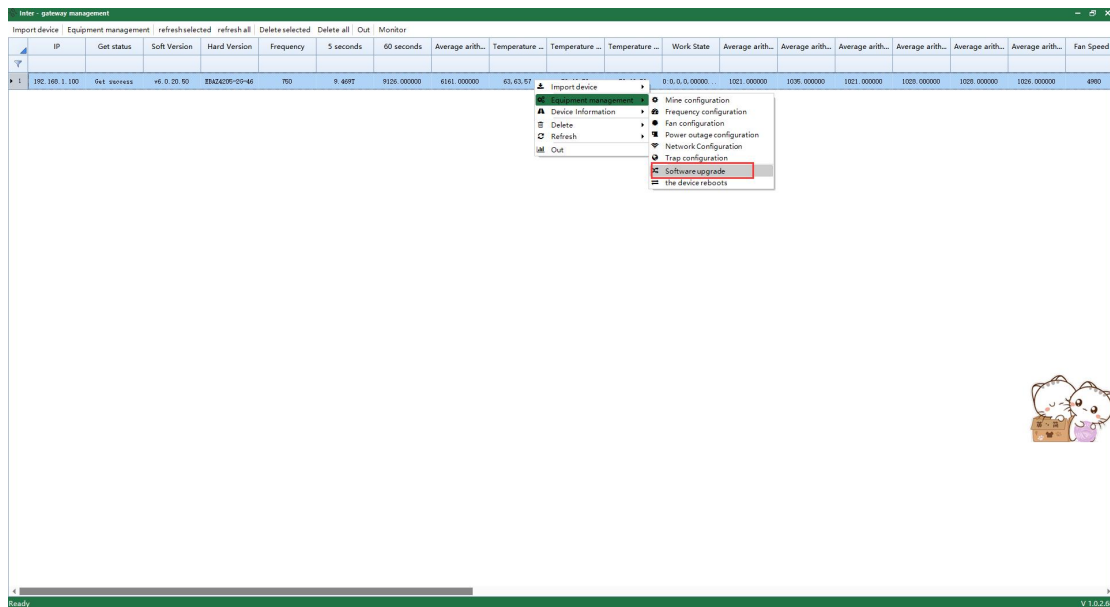
IP	Get status	Soft Version	Hard Version	Frequency	5 seconds	60 seconds	Average arith...	Temperature ...	Temperature ...	Temperature ...	Work State	Average arith...	Average arith...	Average arith...	Average arith...	Average arith...	Average arith...	Fan Speed
192.168.1.100	Get success	v.0.20.00	BM24200-09-46	750	9.4897	9126.000000	6161.000000	63.63.57	69.60.63	69.66.62	0.0.0.0.00000...	1021.000000	1026.000000	1021.000000	1028.000000	1028.000000	1026.000000	4980



(2) Software update

Configuration mode: device management - software upgrade

Note: Before operation, you need to select the device to be upgraded, as shown below:



(3) Program file extraction

Configuration mode: Set the local communication IP--Open the TFTP server--Select the file (extract the upgrade file provided by the engineer)
package)

Note: The local communication IP should be set to the communication IP of your PC service.

How to obtain the program: After the engineer determines the operation, provide the upgrade package;

The screenshot shows a 'Software upgrade' dialog box with a green header and a close button. It contains the following fields and controls:

- 'The machine IP' field with the value '192.168.1.103' and a dropdown arrow.
- 'TFTP server' field with a green toggle switch set to 'Off'.
- 'Select a document' field with a dropdown arrow and a magnifying glass icon.
- 'nodeName' field with a refresh icon.
- 'upgrade' button.

Conclusion:

The overall Wingbit model network is mainly divided into: IP address planning <LAN usage>--Import network segment

Equipment <cross-gateway use>--Configure online equipment mine pool, miner number, etc. During the configuration process, in order to facilitate the dimension Protect, you can manually set the network segment IP. The access switch (router) needs to access the external network, and the PC server needs to

Wired connection, no wireless connection;

After the network is formed, you can view the running status of all online devices in <Inter-gateway software>.