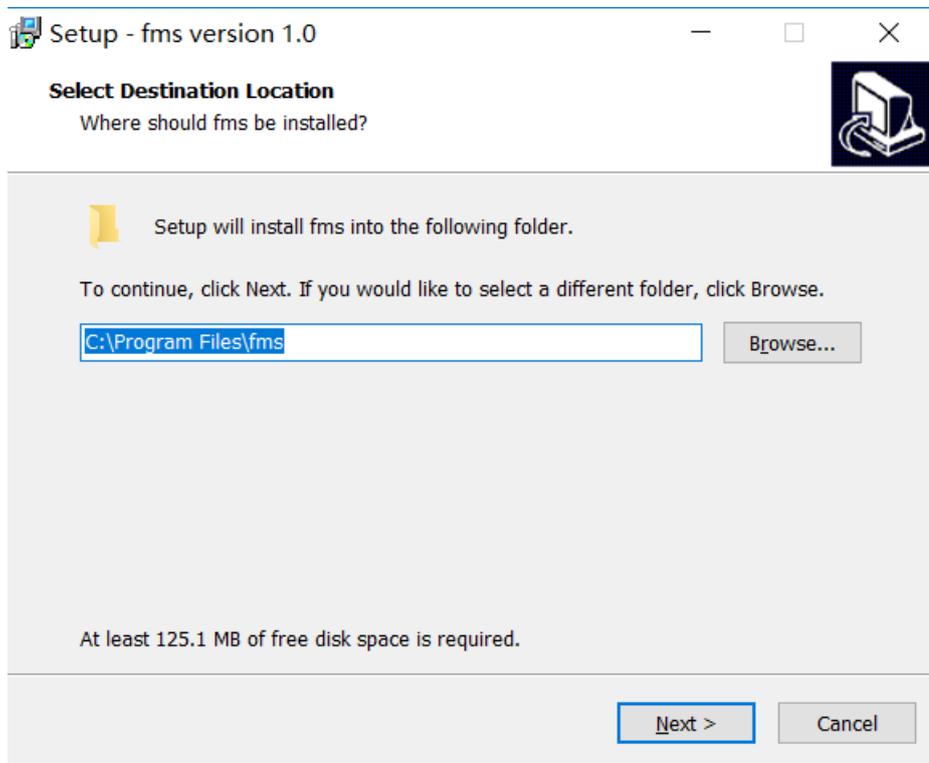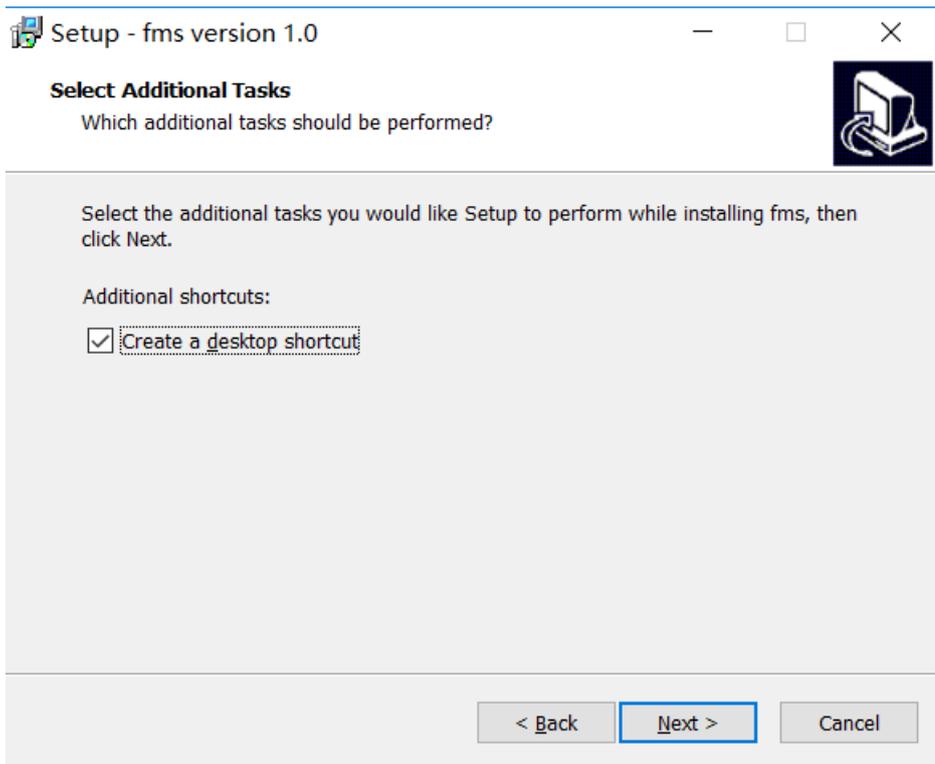# FMS 1.2 User Guide

● Installation

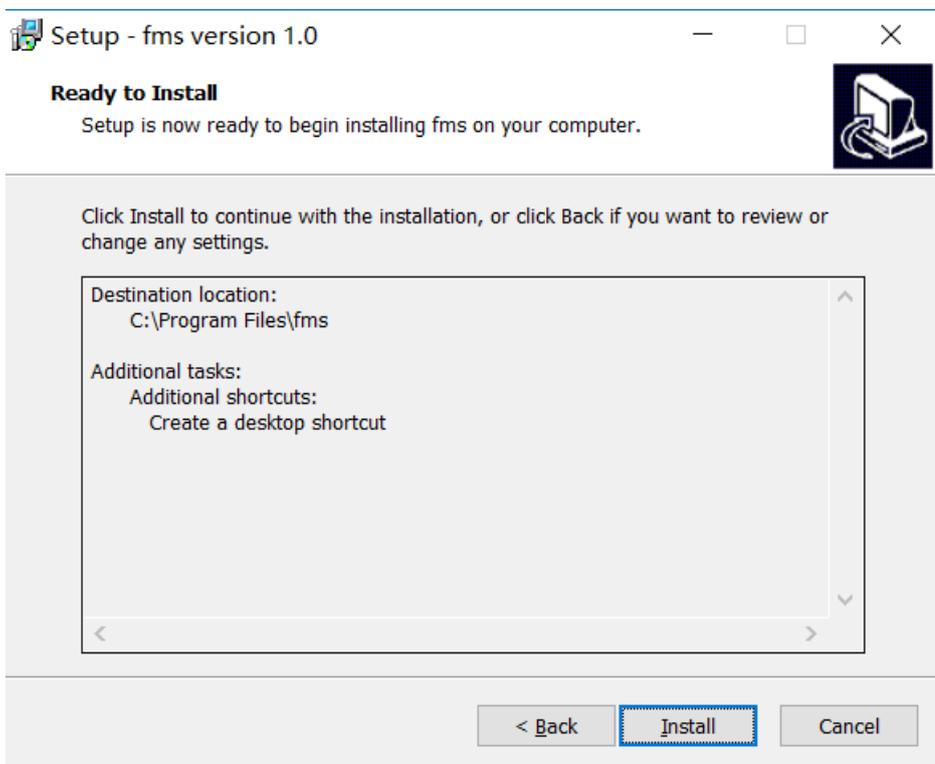1. Double click fms.exe icon to start the installer.

2. Specify the installation directory in the following installer window:
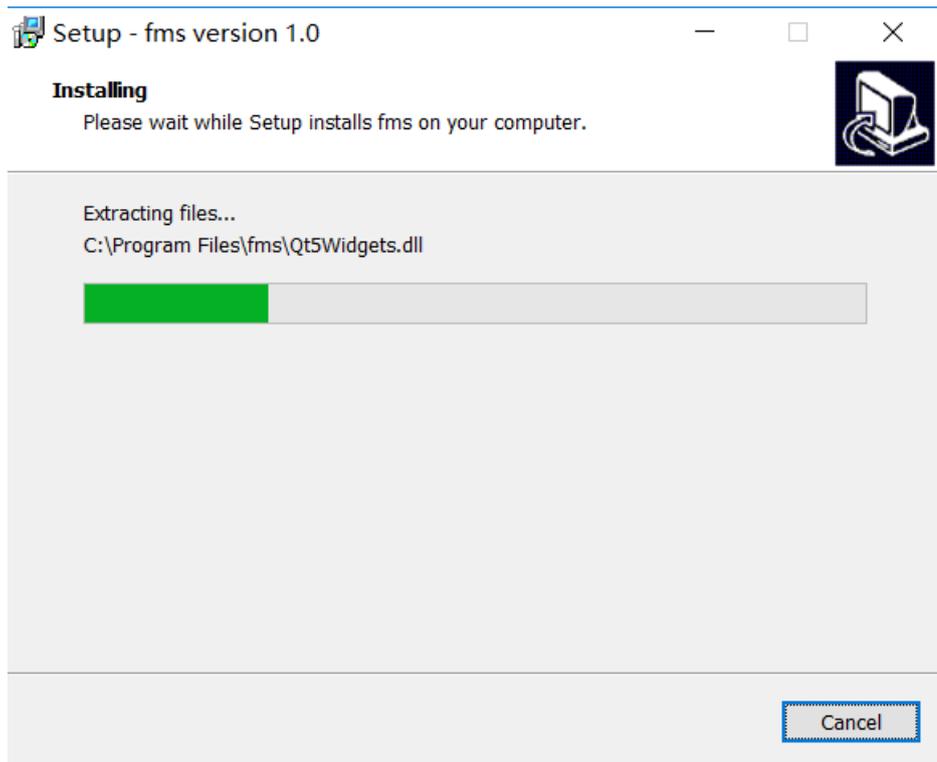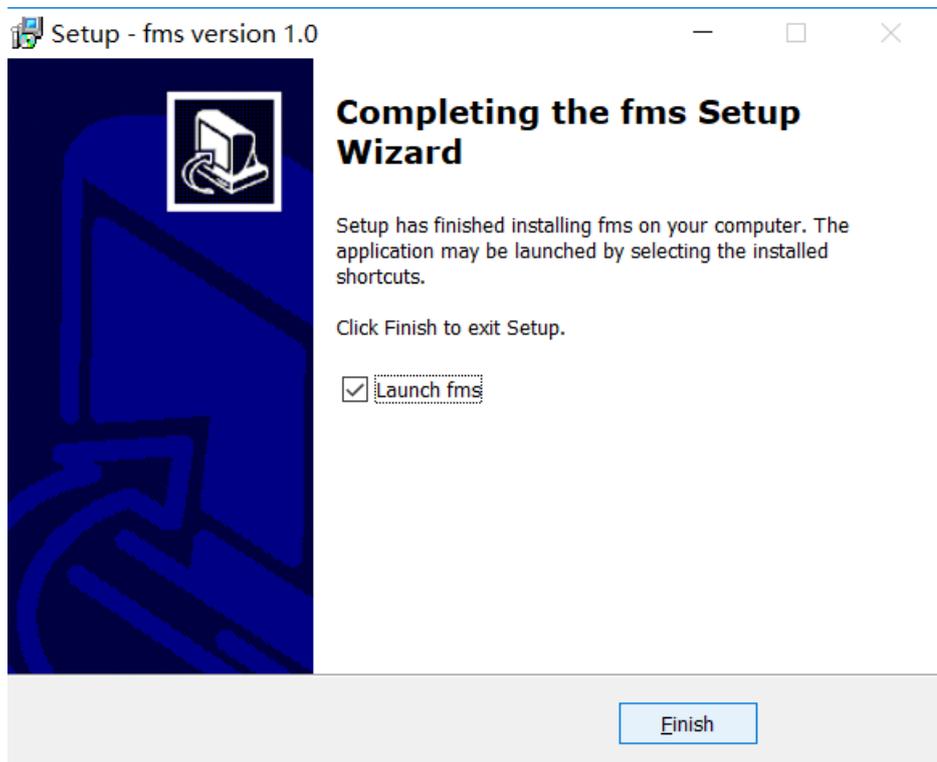

3. Click Next:

4. Click Next:

5. Click Install to start installation:
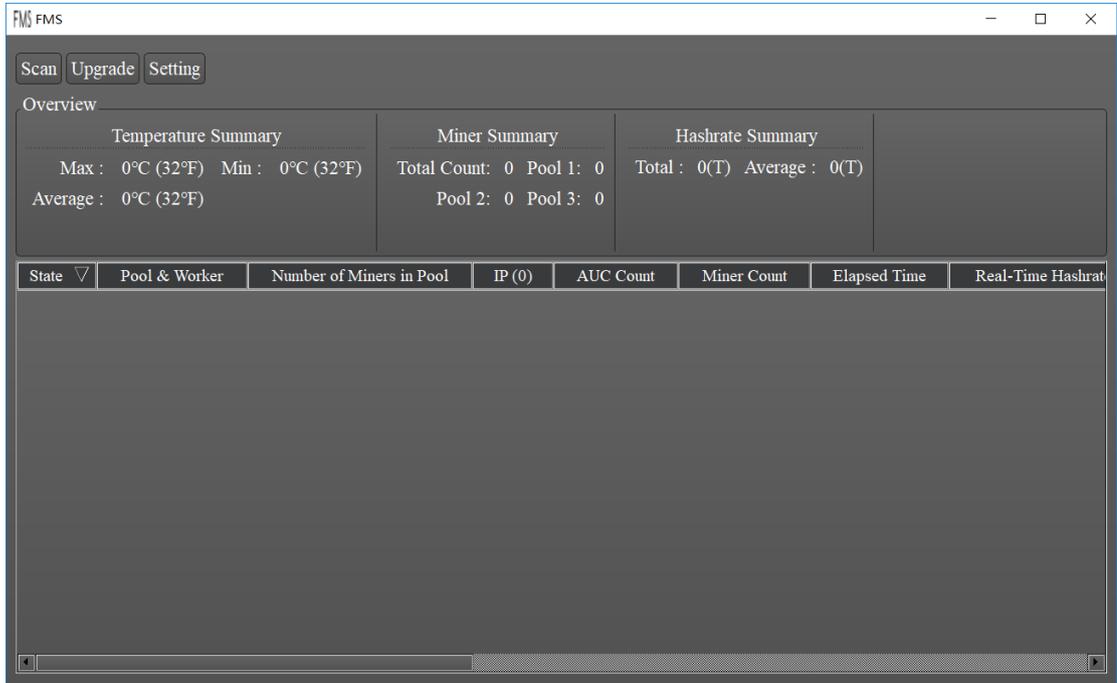
Once the progress is completed:

Click finish to finish the installation.

● User interface Introduction

1. Double click the desktop icon **fms** to enter FMS:

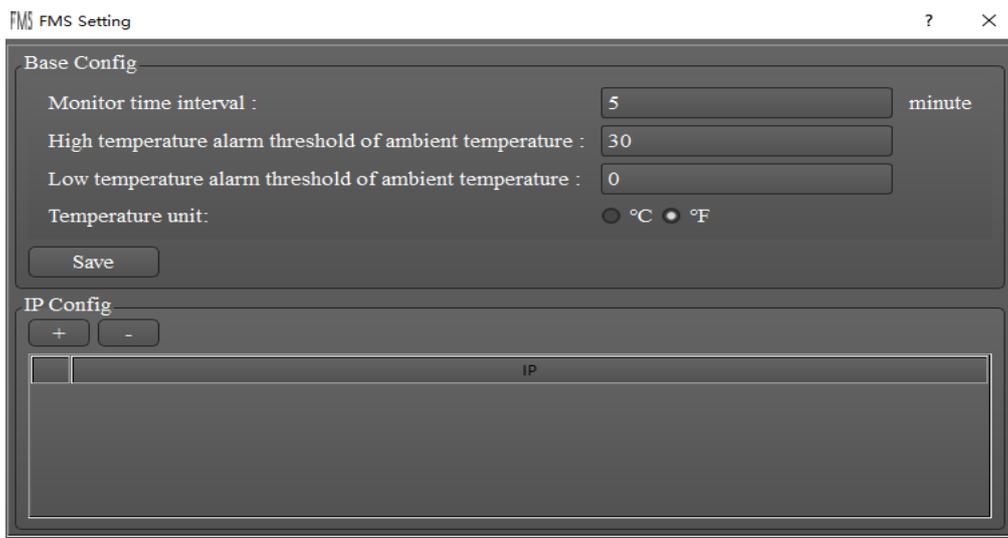| Scan	manual scanning
LED ON	Batch turn on LED
LED OFF	Batch turn off LED
Upgrade	firmware upgrade
Restart	Batch restart miners
Change Pool	Batch change pool setting
Setting	change settings
Temperature Summary Max : 0℃ (32℉) Min : 0℃ (32℉) Average : 0℃ (32℉)	temperature monitoring

Miner Summary Total Count: 0 Pool 1: 0 Pool 2: 0 Pool 3: 0		miner monitoring
Hashrate Summary Total : 0(T) Average : 0(T)		hash rate monitoring

The State column provides checkboxes to select or unselect each miner for other operations (like firmware Upgrade). The Pool & Worker column shows the mining pool and miner ID.
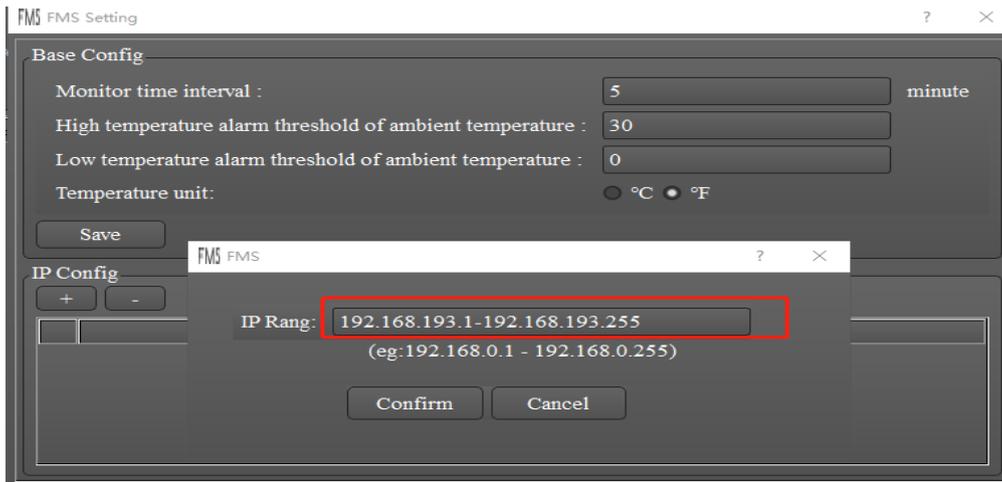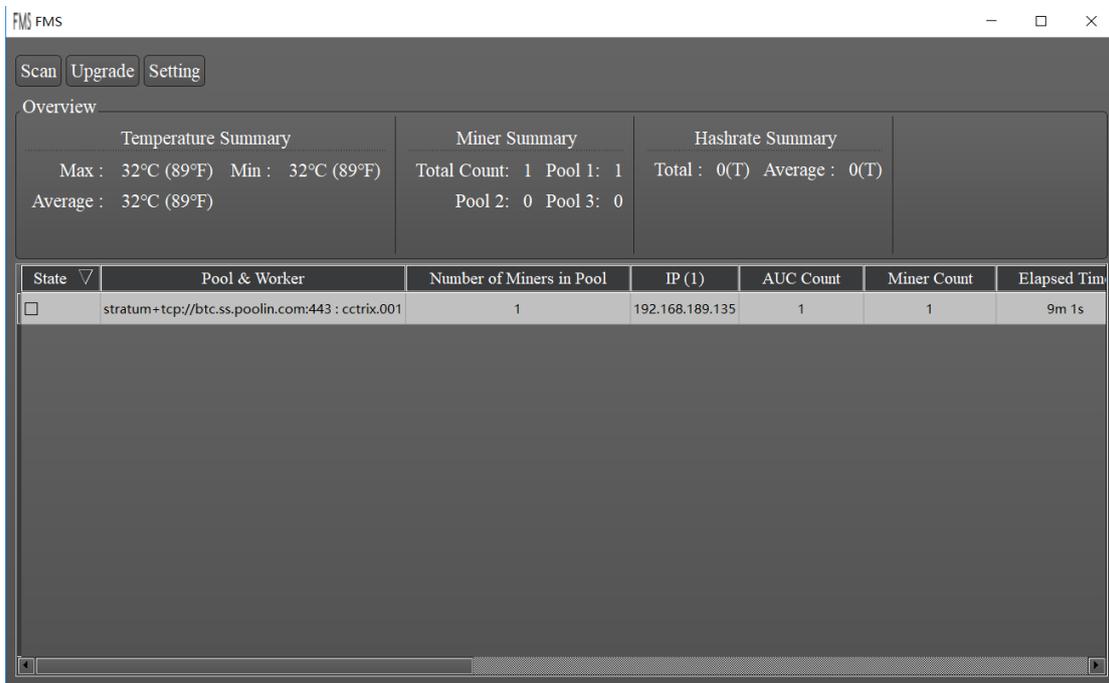
● Usage

1. Miner Discovery

If the miners and the management PC are in the same network, use the following procedure to discover the miners. Click Settings to bring up the Base Config window:

FMS FMS Setting   ?   ✕

Base Config

Monitor time interval :   5   minute

High temperature alarm threshold of ambient temperature :   30

Low temperature alarm threshold of ambient temperature :   0

Temperature unit: ○ ℃ ● ℉

Save

IP Config

\+   -

IP

Click "+" button and enter the subnet IP range for the miners (e.g. 192.168.193.1-192.168.193.255), and click Confirm to auto-discover the miners.
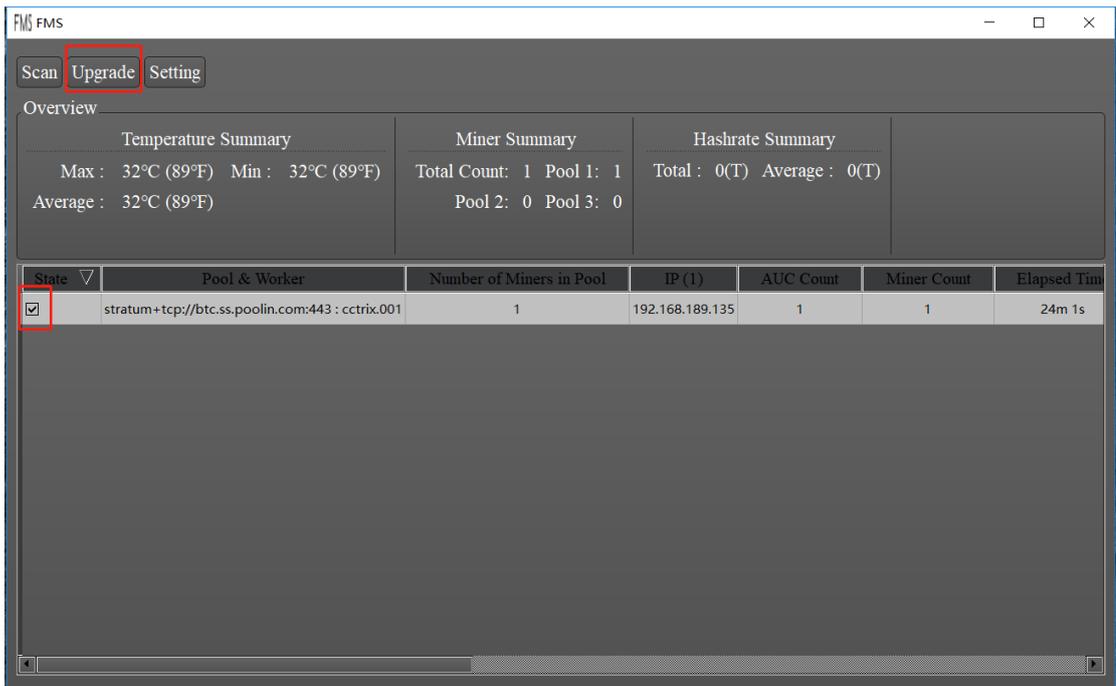
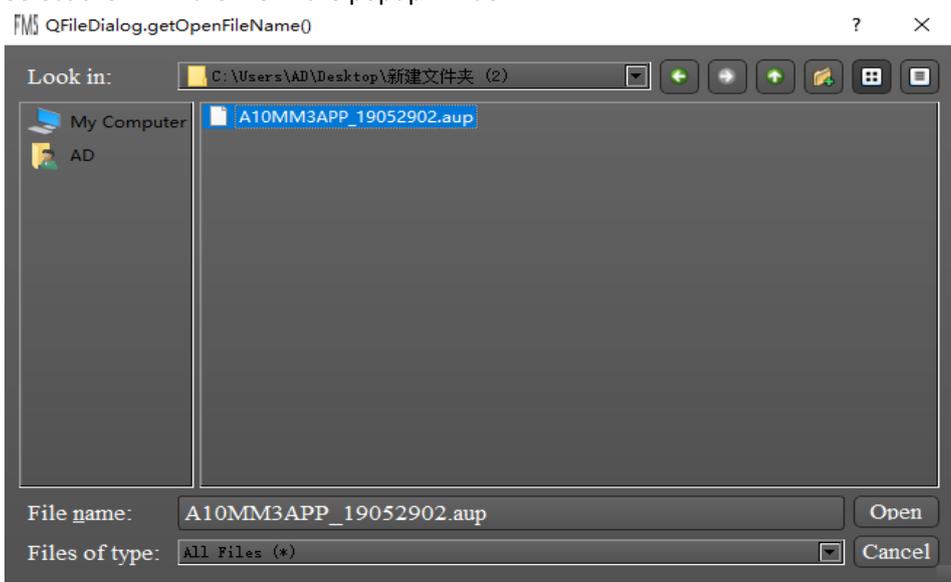Select miners and click Save, the discovered miner IP addresses will be shown in the main window:
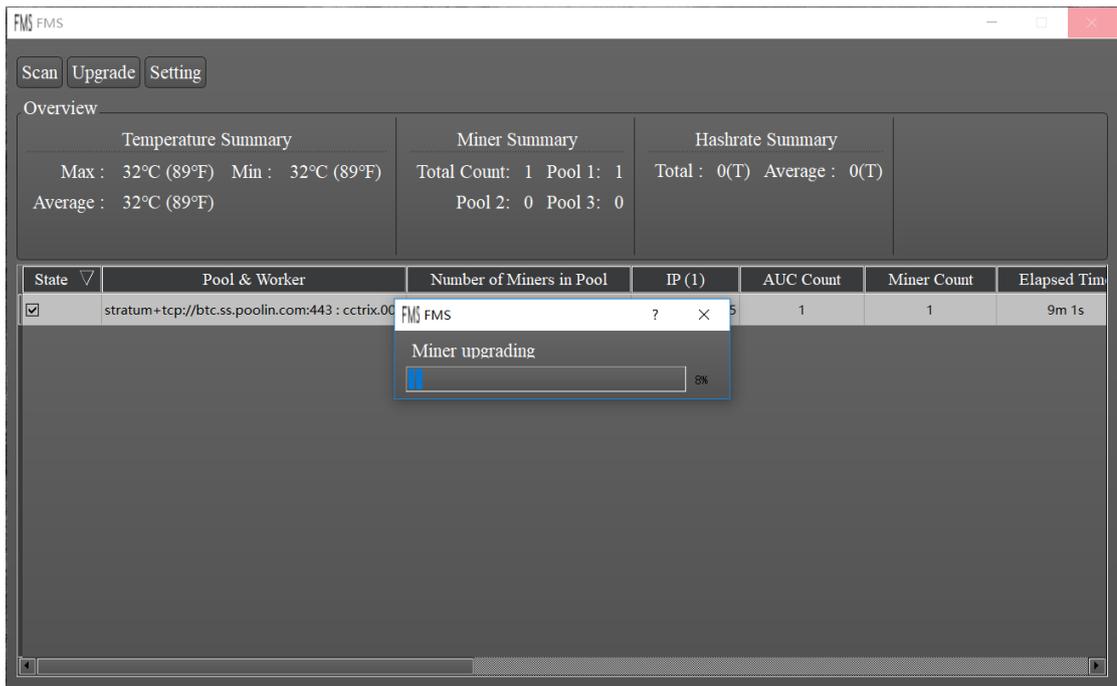

2. Firmware Upgrade

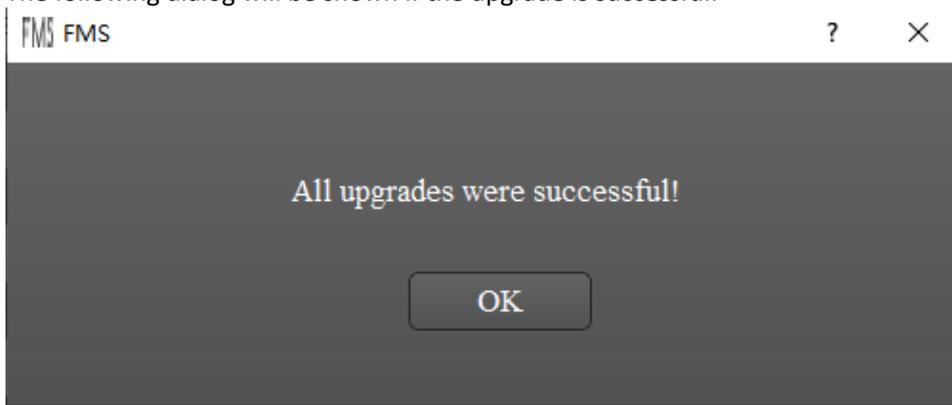Select the miner to be upgraded in the main window, and click Upgrade

Select the firmware file in the popup window:

Click Open to begin the upgrade process.

The following dialog will be shown if the upgrade is successful:

3. Batch Turn On/Off LED

First select one or multiple miners from table by clicking the checkbox of state column. Then click LED ON or LED OFF button to switch LED for selected miners. During the process, a progress dialog will popup. When the progress dialog finish, it means LED switching operation finish and a result dialog will popup.

4. Batch Restart

First select one or multiple miners from table by clicking the checkbox of state column. Then click Restart button to restart all selected miners. During the process, a progress dialog will popup. When the progress dialog finish, it means restart operation finish and a result dialog will popup. After restarted, these miners need some time to initialize and probably don't appear in FMS until they begin mining.

5. Batch Change Pool

First select one or multiple miners from table by clicking the checkbox of state column. Then click Change Pool button to change pool setting for all selected miners. A pool setting dialog will popup to allow users choose which pool they want to use. After conform, FMS will start to change pool setting for selected miners and restart them. During the process, a progress dialog will popup. When the progress dialog finish, it means changing operation finish and a result dialog will popup. After restarted, these miners need some time to initialize and probably don't appear in FMS until

they begin mining.

6. Version of FMS

Two ways to find out version of FMS:

1) top left corner of the main page

2) details in the installation package properties