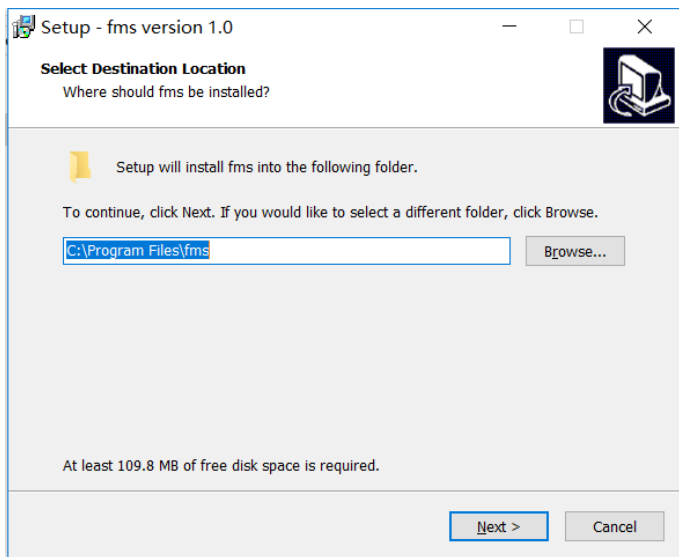# FMS User Guide

Installation

1、Double click the FMS installation package to start the installation, the following window will be displayed：

The directory to be installed can be selected via the "Browse" button

Note：If fms has been installed before, this will automatically uninstall the previously installed program for repeated installation or upgrade installation.

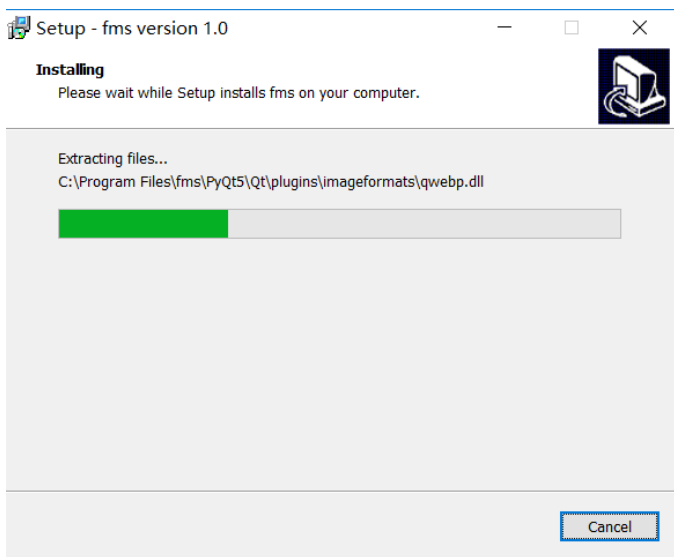**2、Click the "Next" button to proceed to the next step**
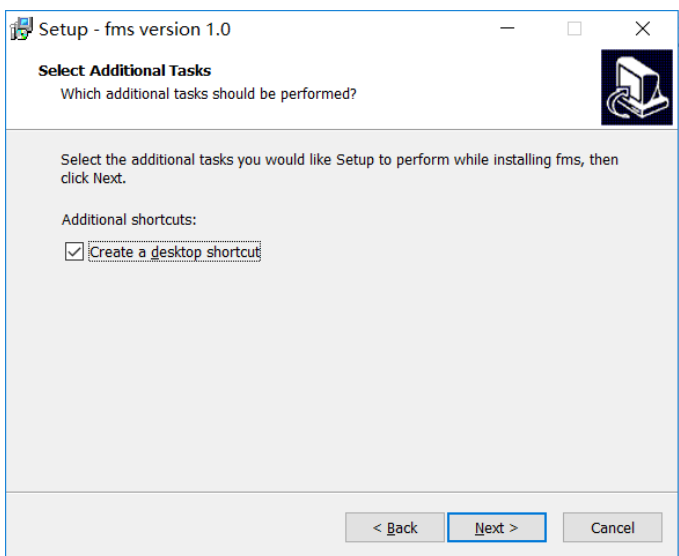
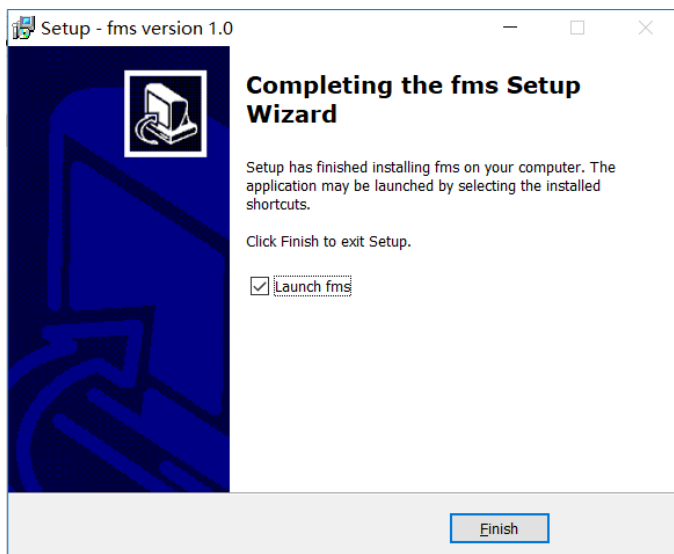By default, "Create a desktop shortcuts" is checked.

3、Click the "Next" button to proceed to the next step
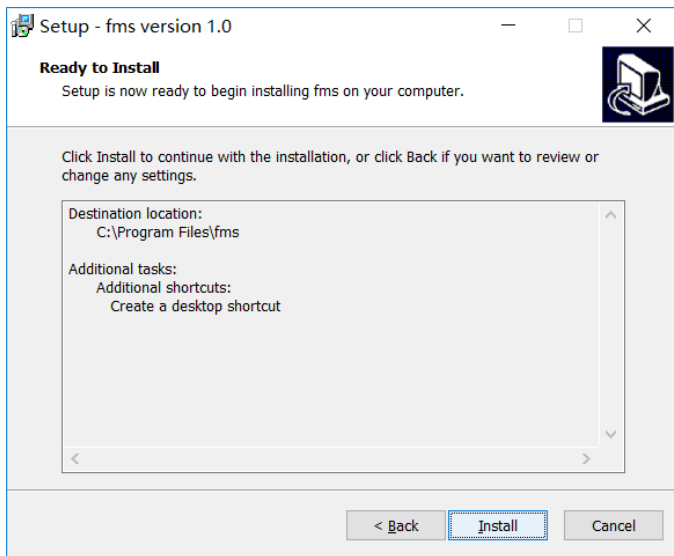
4、Click the "Install" button to start the installation

**5、After the installation is completed, the following window will be displayed**：

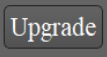After clicking "Finish" button, close the page to complete the installation of the FMS program.
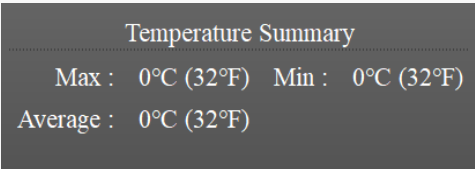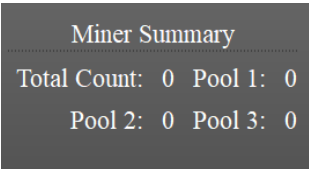
Note：By default, the option "Automatically open FMS after closing" will be checked. When the page is closed, the FMS program will be automatically opened.

User interface introduction & Usage

1、Double click the FMS shortcut on the desktop or the fms.exe file in the installation directory to enter FMS.
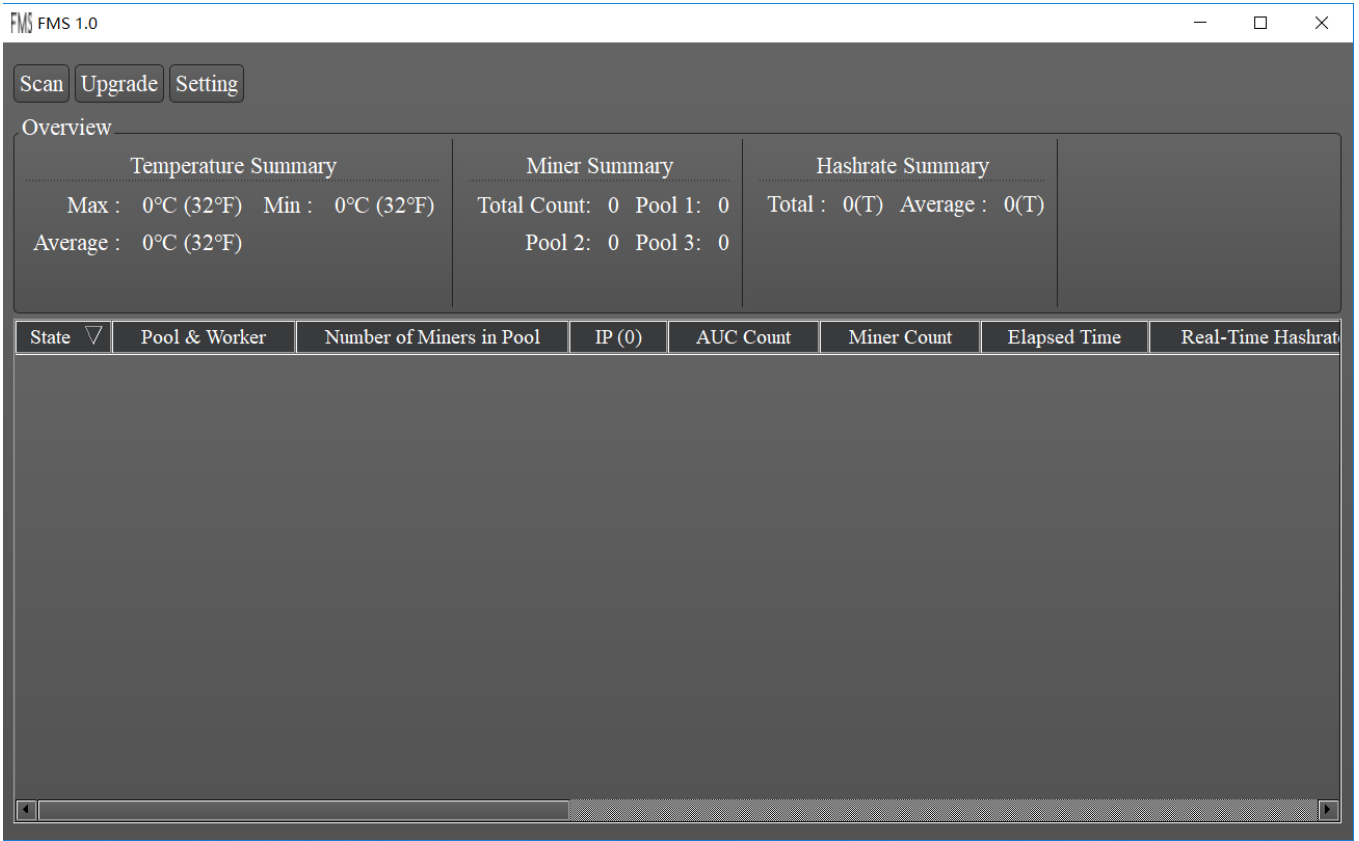
Description of each area：

Area	Description
Scan	Manually scan the miner once
Upgrade	firmware upgrade
Setting	FMS IP scanning and warning information setting
Temperature Summary Max : 0°C (32°F) Min : 0°C (32°F) Average : 0°C (32°F)	Temperature information summary panel
Miner Summary Total Count: 0 Pool 1: 0 Pool 2: 0 Pool 3: 0	Miner information summary panel

Hashrate Summary	Miner hash rate summary panel
Total : 0(T) Average : 0(T)	

Miner list

State ▽	Pool & Worker	Number of Miners in Pool	IP (0)	AUC Count	Miner Count	Elapsed Time	Real-Time Hashrate

2、 IP Scanning and Warning Information setting

Click the "Setting" button on the main page of the FMS to enter the IP Scanning and Warning Information page configuration page.

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

2.1、 Miner Discovery(IP Config)

Click the "+" button under the IP Config panel to pop up the following page for IP configuration.
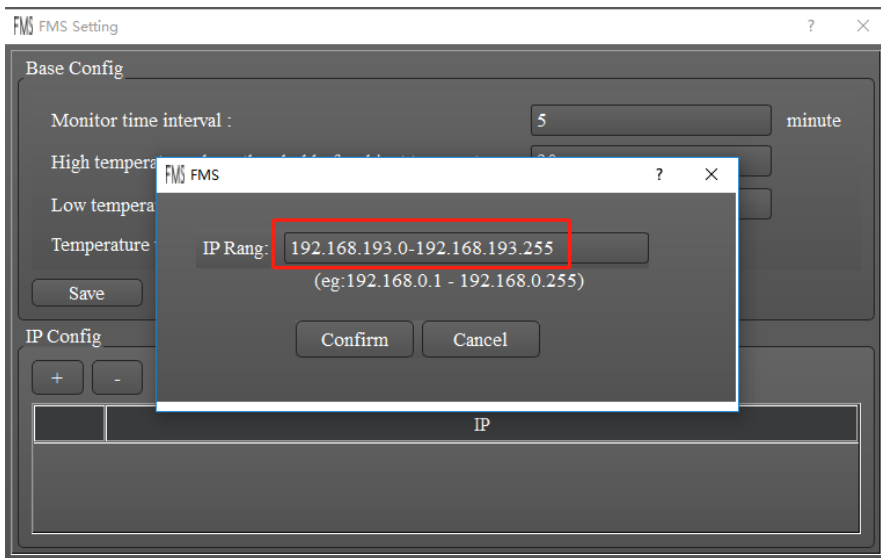
In the IP Rang input box, enter the IP segment you want to scan, for example: 192.168.0.0-192.168.0.255. And then click "Confirm" button to save, Otherwise, if you do not want to save, click the "Cancel" button.

After saving, FMS will scan all the IPs under the IP segment, and then the discoveried miner will be displayed in the list of miners on the FMS main page, as shown below.
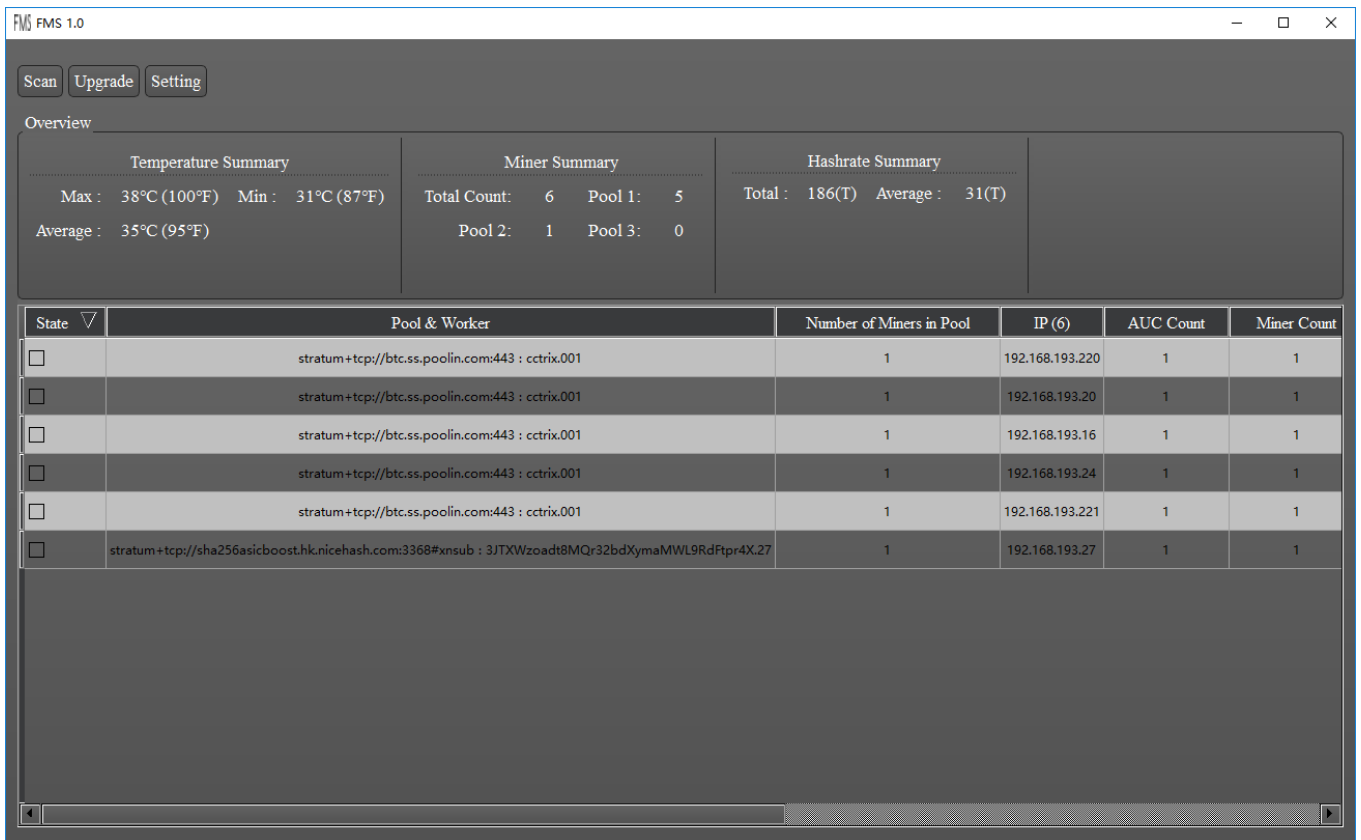
2.2、 Warning Information Config
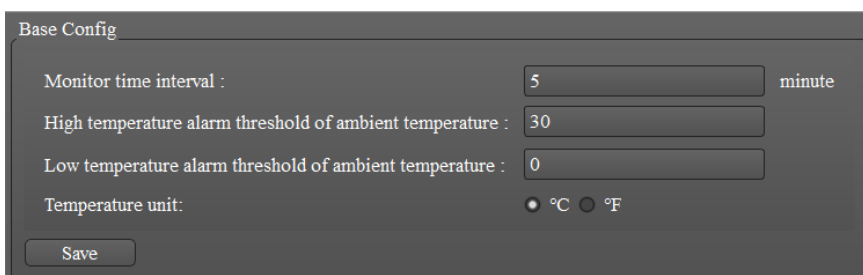
3、 Firmware Upgrade

Select the miner to be upgraded in the FMS main window, and click the "Upgrade" button.

Select the firmware file you want to upgrade , then click the "Open" button to start the firmware upgrade

stratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.193.20
t.hk.nicehash.com:3368#xnsub : 3		192.168.193.27
stratum+tcp://btc.ss.poolin.com:		192.168.193.16

FMS FMS   ?   ✕

Miner upgrading

2%

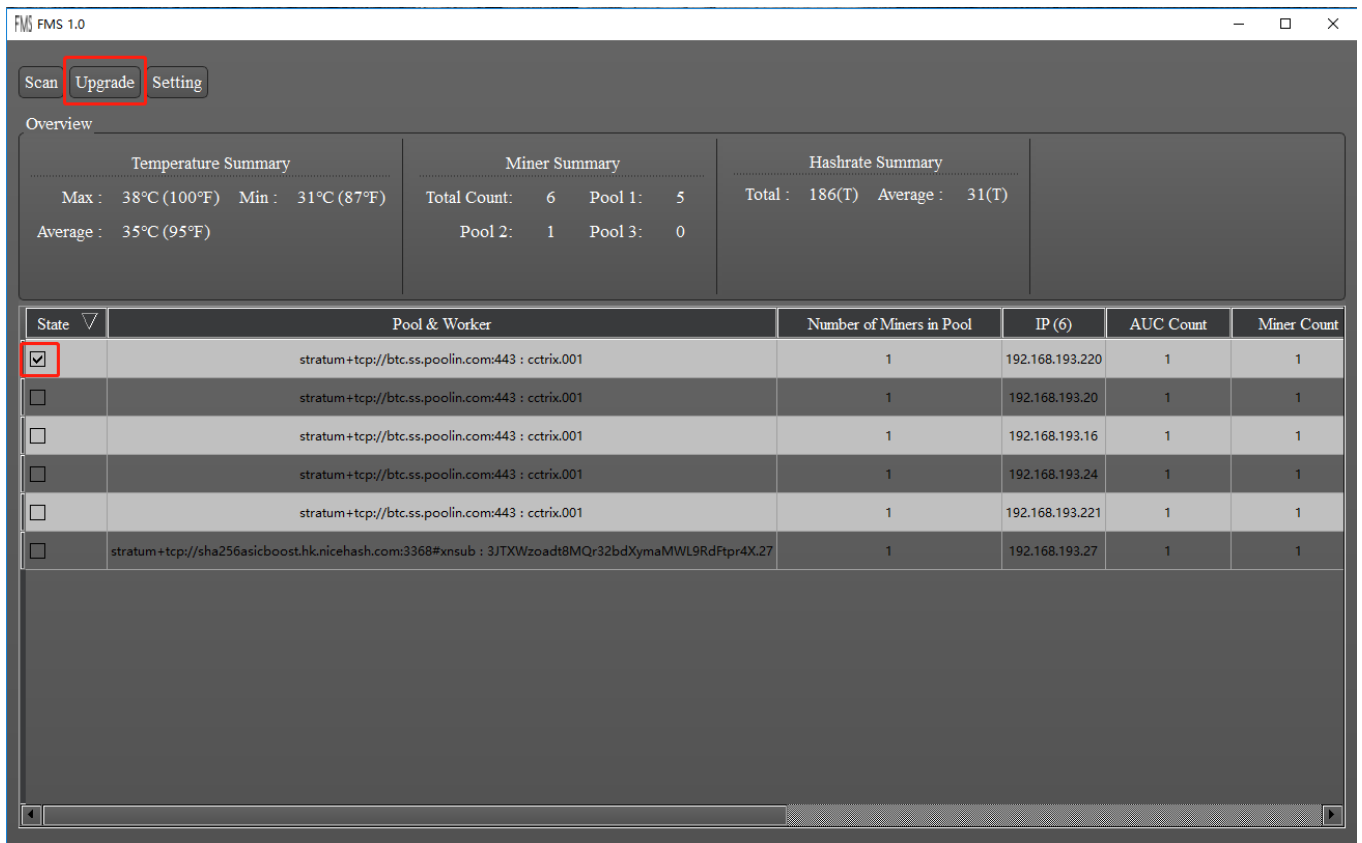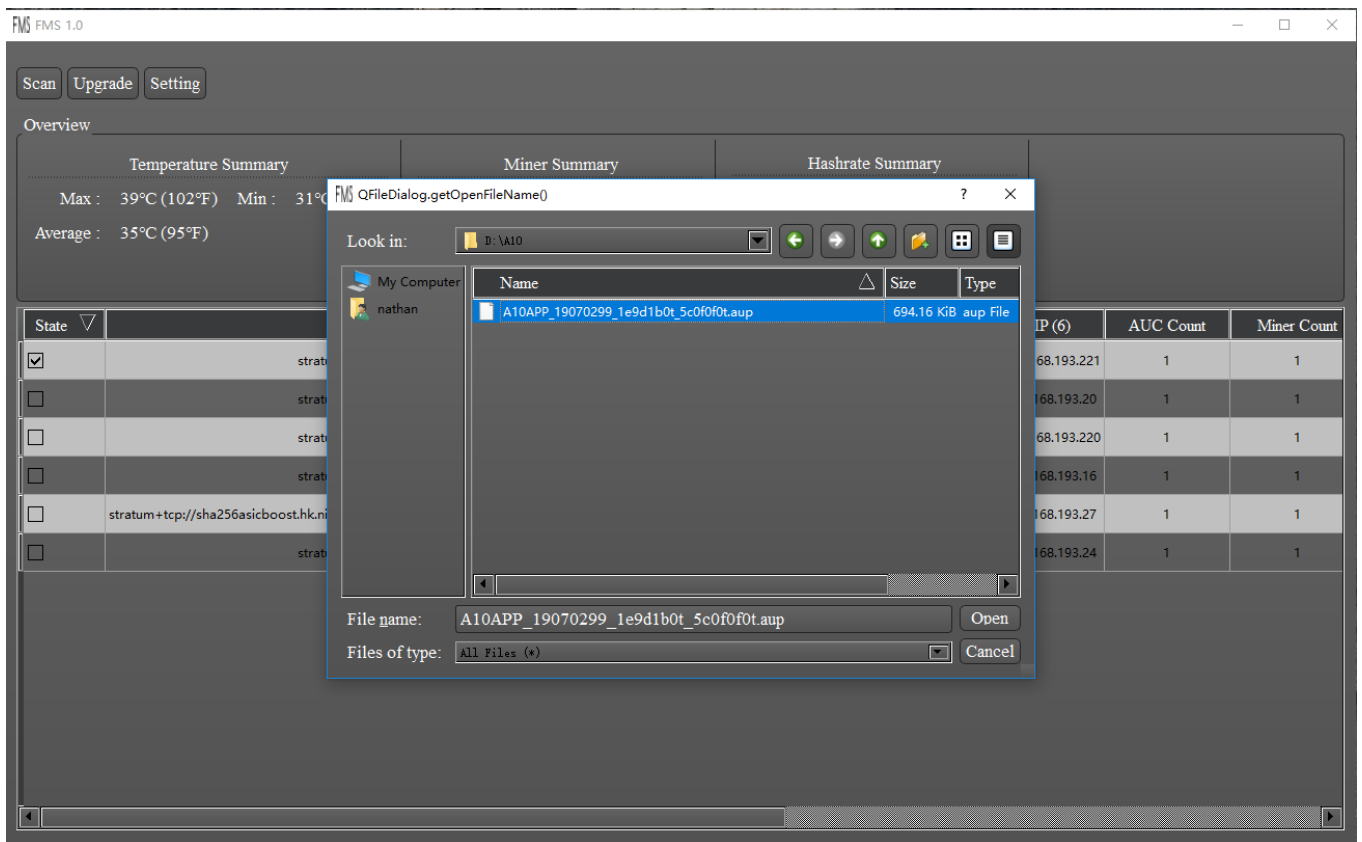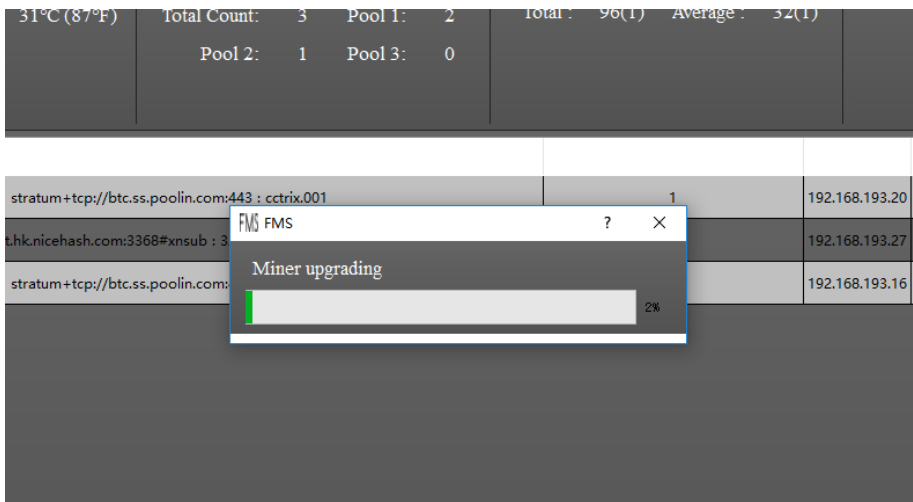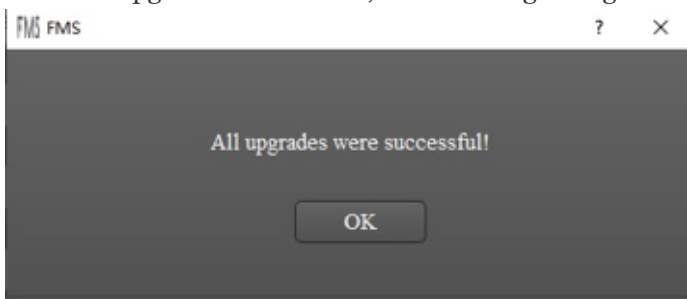Note: Please do not perform any operation at this time, FMS will automatically perform firmware upload and upgrade operations. Closing the FMS may cause the firmware upgrade to fail.。

After the upgrade is successful, the following dialog will be dispalyed.

FMS FMS   ?   ✕

All upgrades were successful!

OK

About the FMS version

1、 The current FMS version information will be displayed in the upper left corner of the FMS main window.

FM FMS 1.0   — ☐ ✕

Scan | Upgrade | Setting

Overview

Temperature Summary   Miner Summary   Hashrate Summary

Max : 0°C (32°F)   Min : 0°C (32°F)   Total Count: 0   Pool 1: 0   Total : 0(T)   Average : 0(T)

Average : 0°C (32°F)   Pool 2: 0   Pool 3: 0

State ▽	Pool & Worker	Number of Miners in Pool	IP (0)	AUC Count	Miner Count	Elapsed Time	Real-Time Hashrat
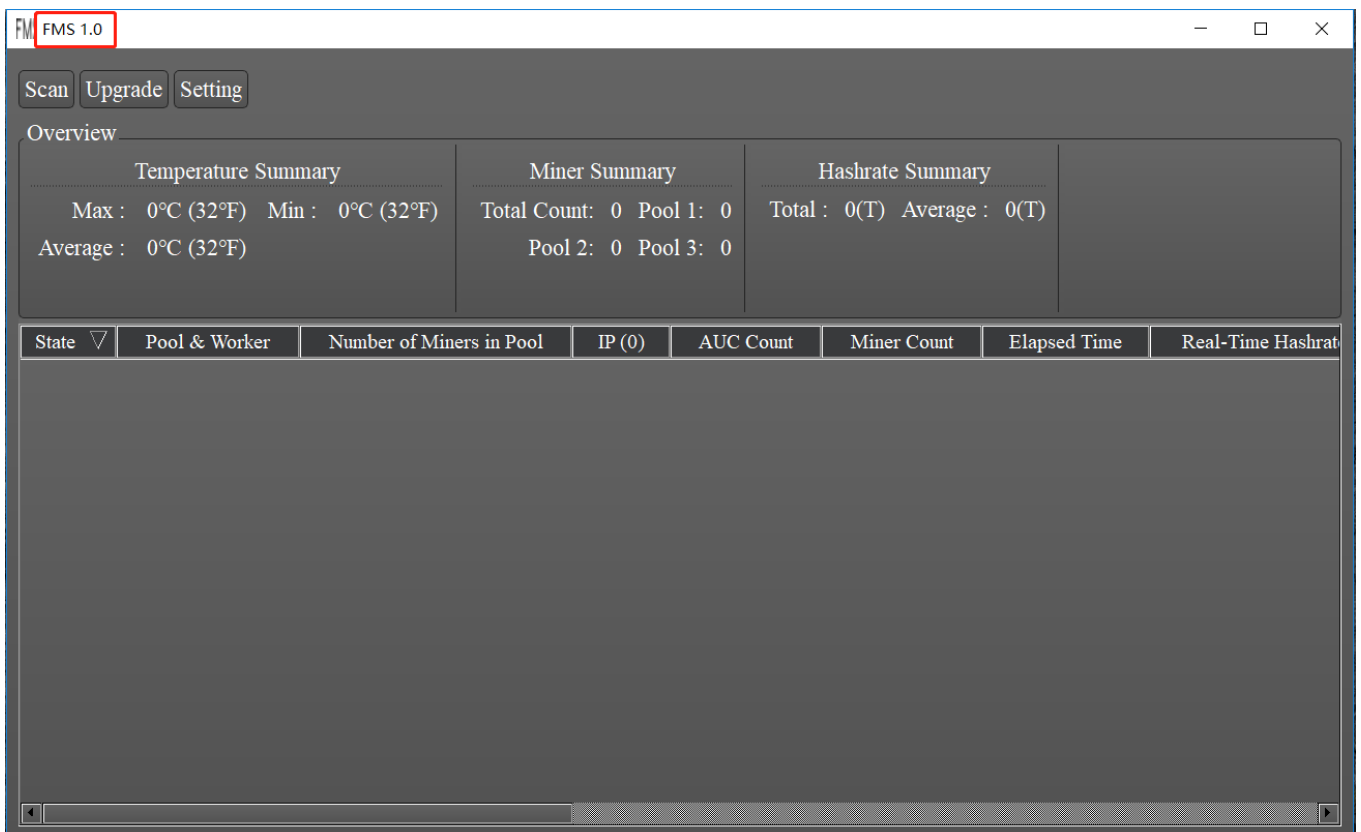
2、From the properties of the fms.exe executable file in the FMS installation directory, you can view it as shown below.

fms.exe Properties

General | Compatibility | Security | Details | Previous Versions

Property	Value
Description	
File description	
Type	Application
File version	1.0.0.0
Product name	FMS
Product version	1.0
Copyright	Canaan Creative Co., Ltd.
Size	2.26 MB
Date modified	7/12/2019 09:57
Language	Chinese (Simplified, China)
Original filename	fms.exe

Remove Properties and Personal Information

OK | Cancel | Apply