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:

🖶 Setup - fms version 1.0 –	-		×
Select Destination Location Where should fms be installed?			
Setup will install fms into the following folder.			
To continue, click Next. If you would like to select a different folder,	click I	Browse.	
C:\Program Files\fms	E	B <u>r</u> owse	
At least 125.1 MB of free disk space is required.			
Next	>	Ca	ancel

3. Click Next:

🛃 Setup - fms version 1.0		_		×
Select Additional Tasks Which additional tasks should be performed?				
Select the additional tasks you would like Setup to click Next.	perform whil	e installing	g fms, the	en
Additional shortcuts:				
Create a <u>desktop shortcut</u>				
<	<u>B</u> ack <u>I</u>	<u>l</u> ext >	Ca	incel

4. Click Next:

🖟 Setup - fms version 1.0	—		×
Ready to Install Setup is now ready to begin installing fms on your computer.			
Click Install to continue with the installation, or click Back if you change any settings.	want to r	eview or	
Destination location: C:\Program Files\fms		1	^
Additional tasks: Additional shortcuts: Create a desktop shortcut			~
<		>	
< <u>B</u> ack	Install	Ca	incel

5. Click Install to start installation:

🛃 Setup - fms version 1.0	_		×
Installing Please wait while Setup installs fms on your computer.			
Extracting files C:\Program Files\fms\Qt5Widgets.dll			
		Ca	ancel

Once the progress is completed:

🛃 Setup - fms version 1.0	- 🗆 ×
	Completing the fms Setup Wizard
	Setup has finished installing fms on your computer. The application may be launched by selecting the installed shortcuts.
	Click Finish to exit Setup.
	Launch fms
	Einish

Click finish to finish the installation.

• User interface Introduction



1. Double click the desktop icon

fms to enter FMS:

FMS FMS					_		\times
Scan Upgrade Setting							
Overview							
Temperature Summary	Mit	er Summary	Hashrate Summ	ary			
Max : 0°C (32°F) Min : 0°	°C (32°F) Total Co	unt: 0 Pool 1: 0	Total : 0(T) Average	e: 0(T)			
Average : 0°C (32°F)	Poo	1 2: 0 Pool 3: 0					
State 🗸 Pool & Worker Nu	mber of Miners in Pool	IP (0) AUC	Count Miner Count	Elapsed Time	Real-T	ime Has	shrat
			· · · · · ·				

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	temperature monitoring
Max : $0^{\circ}C(32^{\circ}F)$ Min : $0^{\circ}C(32^{\circ}F)$	
Average : 0°C (32°F)	



	Miner Sur	nmary		
Total Count:		Pool 1:		
Pool 2:		Pool 3:		miner monitoring
	Hashrate Su	mmary		
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 Setting		?	\times
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:	O ℃ O ℉		
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.

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:	O°C ●°F	
Save FMS IP Config + + - IP Rang: 192.168.193.1-192.168.193 (eg:192.168.0.1 - 192.16	? ×	
Confirm Cancel		

Select miners and click Save, the discovered miner IP addresses will be shown in the main window:

FMS FMS				-	- 🗆	×
Scan Upgrade Setting						
Overview						
Temperature Summary	Miner Summary	Hashra	ate Summary			
Max : 32°C (89°F) Min : 32°C (89°F)	Total Count: 1 Pool 1: 1	Total : 0(T) Average : 0((T)		
Average : 32°C (89°F)	Pool 2: 0 Pool 3: 0					
State 🗸 Pool & Worker	Number of Miners in Pool	IP (1)	AUC Count	Miner Count	Elapsed 1	Гim
stratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.189.135	1	1	9m 1s	

2. Firmware Upgrade

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

FMS FMS					-	· 🗆	\times
Scan Upgra	ade Setting						
Overview_							
	Temperature Summary	Miner Summary	Hashr	ate Summary			
Max :	32°C (89°F) Min : 32°C (89°F)	Total Count: 1 Pool 1: 1	Total : 0(T	T) Average : 0((T)		
Average :	32°C (89°F)	Pool 2: 0 Pool 3: 0					
State V	Pool & Worker	Number of Miners in Pool	IP(1)	AUC Count	Miner Count	Elapsed	Tim
✓ s	tratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.189.135	1	1	24m	1s

Select the firmware file in the popup window: QFileDialog.getOpenFileName()

QFileDialog.get	DpenFileName()	?	×
Look in:	📙 C: \Users\AD\Desktop\新建文件夹(2) 💽 💽 🐼	•	
AD	A10MM3APP_19052902.aup		
File <u>n</u> ame:	A10MM3APP_19052902.aup	Or	en
Files of type:	All Files (*)	Car	icel

Click Open to begin the upgrade process.



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

FMS FMS	?	\times
All upgrades were successful!		
ОК		

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

FM FMS 1.0					-				
Scan Upgrade Setting									
Overview									
Temperature Summary		Miner Summary	Hashrate Summary						
Max: 37°C (98°F) Min: 31°C (87°F)		Total Count: 6 Pool 1: 5	Total: 183(T) Average: 30(T)						
Average : 34°C (93°F)		Pool 2: 1 Pool 3: 0							
State 7	Pool & Worker	Number of Miners in Pool	IP (6)	AUC Count	Miner Count	Elapsed Tin			
	stratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.193.24	1	1	1d 19h 50m 2			
	stratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.193.16	1	1	5m 10s			
	stratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.193.20	1	1	2m 59s			
	stratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.193.221	1	1	2d 21h 13m 4			
	stratum+tcp://btc.ss.poolin.com:443 : cctrix.001	1	192.168.193.220	1	1	22h 1m 41s			
	stratum+tcp://stratum.bixin.com:3333 : bixin.00	1	192.168.193.27	1	1	15h 38m 31:			
						Þ			

2) details in the installation package properties

tms.exe 属性	×
常规 兼容性 安全 详细信息 以前的版本	
属性 值 说明 文件说明 fms Setup 送型 应用程序 文件版本 1.0.0.0 产品名称 fms 产品版本 产品版本 1.0 版权 大小 83.4 MB 修改日期 2019/7/11 11:02 语言 语言中性	
删除属性和个人信息	
确定取消	应用(<u>A</u>)