## Part1-How to start the miner

- 1. After receiving the miner, please carefully read this document before installing and powering on the miner.
- Confirm that there is no damage caused by logistics during transportation: Remove the package of the miner. Place the miner horizontally and then, slightly shake the miner. If there is obvious metal collision sound or abnormal sound, there may be problems such as separation of cooling fin. In such case, you can directly request to return to the factory for maintenance.
- 3. Place the miner into correct position and connect the network cable with the miner (notice: do not power on the miner).
- 4. Then, power on ETH-MINI miner.
- 5. Connect a computer and ensure that the computer and the miner are in the same LAN and the same IP section.
- 6. Double click Set\_IP.exe tool. Click the "Monitor Miner" button in the red box in the figure below (notice: do not click other buttons):

👌 Set_IP			-	
Parameter Setting	- <sup>1</sup> Information of miner			
Computer IP: Acquire	Miner IP	Modified IP	MAC	Status
Miner IP: 1. Monitor Miner				
Modify Miner IP:				
Subnet Mask:				
Default Gateway:				
DNS:				
Display IP 2. Skip To start monitoring miner IP, please click the IP Set button on the miner				

7. Click IPset button in the figure below and wait for the miner's IP address appearing in Set\_IP.exe tool (notice: if the IP address does not appear, press the button several times or press and hold it for a while).



8. Wait until IP address appears in the red box in the figure below.

Set_IP				- D
Parameter Setting	Information of miner			
Computer IP: Acquire	Miner IP	Modified IP	MAC	Status
Miner IP: Stop monitoring	192.168.28.254	NULL		đhợp
Modify Miner IP:				
Subnet Mask:				
Default Gateway:				
DNS :				
Display IP				
To start monitoring miner IP, please click				
the IP Set button on the miner				

9. Open the browser and enter the IP address. Set up the mining pool and mine worker number on Webui. (User name and password: admin. **Notice:** do not change the password. Otherwise, you may be unable to sign in. The only way is to return to the factory for maintenance !!! )

Miner Status - Miner X Miner X +		0		-	0	×
← → C ▲ 不安全   192.168.2.138/#/login?redirect=%2FMinerStatus		☆ <b>1</b>	* *	<b>y</b> *		1
	Sign In					
	admin					
		耕	影内容	容更新	a†	

10. Select "Pools" on the left side of Webui and set up "Pool1". URL is the mining address of mining pool and User is the mine worker number (notice: the mine worker number shall be set up based on the requirements for format of mining pool to prevent special characters that cannot be recognized by the mining pool).

Miner Status - Miner	X Self Check - Miner X Pools - Miner X Pools - Miner	x + • • · · · · · ×
← → C ▲ 不安	全   192.168.2.139/#/Settings/Pools	er 이 ☆ 🐹 📦 🏚 😳 🗄
<ul> <li>Miner Status</li> <li>Settings</li> </ul>	Pool 1 2.	
Pools	stratum+tcp://eth.f2pool.com:6688	٥
Security	* User	
Network		
Performance	* Password	
X Maintenance 🗠	â ·	0
Firmware		
Reboot		a sea and
Factory Reset	Pool 2 (Unavailable)	Pool 3 (Unavailable)
Self Check	* URL	* URL
	Pool URL	Pool URL
_	* User	* User
E Logout	PoolAccount.Worker	2 PoolAccountWorker
	* Password	* Password
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		te Brok

11. Before mining, wait for completion of self check. Enter the following self check interface and wait for the progress bar to reach 100%:

Miner Status - Miner	X 🔊 Miner Status - Miner X 🔊 Self Check - Miner X 🔊 Self Check - Miner X 🕇			0	-	٥	×
← → C ▲ 不許	注全   192.168.2.139/#/Maintenance/SelfCheck	07	QI	2	۲	* (	<b>b</b> 1
Miner Status	E MinerStatus / Maintenance / Self Check						£ - 1
🗹 Settings	Maintenance Self Check						
Pools							
Security	Self Check						
Netwirk							
Performance	The check now button is clicked when either of the following conditions is met-						
2 Maintenance	1. The first time to start the miner, you need to press the check now button.						
Firmware	2. Power on again after maintenance, you need to press the chock now button.						
Reboot	NOW : the status of self checking is completed.						
Factory Reset		1					
Set Check	Selfuneox Progress.						
Overview	Check Now						
E Logout							
							-

12. After self check, the miner will start mining. Monitor the hash rate of the miner on the mining pool. In normal circumstances, the real-time hash rate of the miner continues to increase until it reaches the rated hash rate.

## Part2-How to judge whether the miner works normally

I. Webui judgment:

- After starting, on "miner status" interface of Webui:
- 1. The Accepted Rate is above 90%.
- 2. The local Hash Rate is about 200MH/s.
- 3. Alive is detected out normally, as shown in the figure below:

Miner Status - Miner	🗙 📔 🕐 Miner S	Status - Miner 🛛 🗙 📔	Self Check - Miner	× 📀	Miner Status - Miner	× +		<b>o</b> –	o ×
← → C ▲ 不安全	±   192.168.2.139/#/№	linerStatus						on Q 🖈 😾 🧺	* 🐵 🗄
<ul> <li>Main Male</li> <li>Settings</li> <li>Pools</li> </ul>	()	Up Time 2d 11h 12m	æ 1. 🕵	ccepted Rate 96% (25959/878)	2,980 MH/s 2,700 MH/s 2,400 MH/s 1,800 MH/s 1,500 MH/s	mm	mm	manham	$\sim$
Security Network Performance	<b>æ</b> 2.	Hash Rate 2372.73 MH/s	0	Fan Speed 100%	1,200 MH/s 900 MH/s 600 MH/s 300 MH/s 0 MH/s	88 88 8	1997 1997	63 20	idige Internet
X Maintenance	Pools								
Rebool		Pool			User	Status	Get Works	Accept / Reject	
Factory Reset Self Check	1	stratum+tcp://eth.f2pool.com	n:6688	h	aikuo17	Altre	135085	25959/876	
E Overview	Miner Info			_	_				
es cogour				Sta	us			Temperature	
	- 1 -	3.		Disc	onnected			59°C	
	2			Ab				59°C	_
	3			Disc	onnected			59°C	

## II. Indicator judgment:

1. Working indicator: the red light is OFF, and the green light is always ON or flashing. If the red light is ON or flashing, it indicates that the miner is not working normally;



2. Network indicator: the green light is always ON (the network is normal), and the yellow light is flashing (there is data communication in the network cable).



III. The fan of the miner rotates without stopping.



IV. Finally, the most important thing is to check whether the hash rate displayed on the mining pool is normal.