



WhatsMinerTool Operation Guide V8.2.1



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1. Summary

This article introduces the operating instructions of software WhatsMinerTool. The reader is expected to be the relevant personnel of mine operation and maintenance. Some functions only support firmware versions after 20230818.18.

2. Running environment

WhatsMinerTool can be run independently on a 64-bit system on PC Windows 7-8-10-11.

3. Tool main interface

After you run the WhatsMinerTool application, the main interface is displayed as follows:

IP	Status	Miner Type	Power Version	MAC Addr	Position	UpTime	Elapsed	THS15m	THSAvg	Efficiency(W/T)	Power(W)	Version Info
192.168.2.25	Running	M31_V20	P21D-20200	C4:10:25:00:5D:06		06:50	05:55	60.939	61.092	45.31	2768	H3-V10-20200805.10.1
192,168,2,120 192,168,2,115 192,168,2,197 192,168,2,209	Running Running Running Running	M31S_V21 M32_V10 M30K_V10 M30K_V10	P21D-20200 P21E-20200 P30A-20200 P0V	C6:06:04:00:19:67 C6:06:04:00:20:6B C6:06:12:00:22:7F C6:04:27:00:02:3D		00:06 00:06 07:01 00:57	00:04 00:05 06:41 00:04	5.881 8.770 177.780 3.139	20.976 26.816 177.014 11.014	94.06 100.39 39.75 0	1973 2692 7037 0	H60S-V6-20200628.20.REL H60S-V6-20200628.20.REL H60S-V10-20200812.1951.1 H60S-V10-20200807.2127.1.LC
2												

Of which:

Inside the red box is the function selection area.
 Inside the green box is the Whatsminer list box.
 Inside the blue box displays the status bar.

The configuration list display item right clicks in the space outside the Whatsminer list box and pops up the list options window from the data items displayed in the configuration list, as shown in the following figure:

Miner IP	Monitoring	Upgrade	Poo		Setting Dialog	Denote Out	×	Export	IP I	Monitor	Setting	Contact Us
Pool 1: stratum	+tcp://192.168.2.24	.3333			Current Account:	super	•	Pwd:	123		Coin Type	
Pool 2:								Pwd:	123		BTC/BCH/B: -	Start Update
					Current Account Password:	*****			1	_	Fixed Pools In	nput
Pool 3:					Martin Contractor	20	_	Pwd:	123		Set Pool Only	
IP	Status	Miner Type	Power Version	MAG	Monitor Intervals (s):	30		THS Avg	Efficiency(W/T) Rowor(M)	and the second	Version I
192.168.2.98	Running	M30S++_VH70		CA:01:14	Scan Timeout (ms):	1000		106.587	32.83	3499	TowerEnnitSet	H616-CB6V10-2023
192.168.2.188	Running	M50 VH95	P221B-23022	CC:02:0	ocur ninocu (no).	1000		27.769	105.88	2940		H616-CB6V10-2023
192.168.2.235	Fault	Vunknown	P0V	C4:12:07	Scan Threads:	100	-					H3-V8-2020080
192.168.2.81	WaitWork		P0V0	CA:09:10	oour modul.	100		0.000	0.00	0		H616-CB6V10-2023
192.168.2.83	WaitWork		V-1909740	C8:11:12	Upgrade Threads:	0	_	0.000	0.00	0		H616-CB6V1-2023
192.168.2.22	WaitWork		P0V0	C8:09:10	Opgrade Threads.	3	•	0.000	0	0		H6OS-CB4V10-202
192.168.2.236	WaitWork	M50_VH95	P0V0	C6:07:20	IP Suffix Count:	3	•	0.000	0.00	0		H6OS-CB4V10-2023
						10						
					List Column Display Mode:	Custom Mode	-					
						Compact Mode						
					语言版本/Language:	Complete Mode Custom Mode						
						d						
					Minimize To	Task Bar	•					
					On Startup	Disable Monitor	•					
					Periodically Export Interval	No Export	-					
					Compact Mode	Close	•					
					Periodically Export Path							
					Tool Path	C:\Users\ADMINI~1\AppD						

In the setting function, select to turn on or off Compact mode, which simplifies the functions of remote ctrl as follows: Reboot, Leds Control, Miner API Switch, Restore Miner, Export Log, Webs Pools Switch;

Miner IP	Monitoring	Upgrade	Poo	s	Setting Dialog	n Bamata d	~~ ×	Export	t IP M	onitor	Setting	Contact Us
IP	Status	Miner Type	Power Version	MAG				THS Avg	Efficiency(W/T)	Power(W)	PowerLimitSet	Version Info
192.168.2.188	Running	M50_VH95	P221B-23022	CC:02:0	Current Account:	super	-	27.538	115.41	3178		H616-CB6V10-202308
192.168.2.235	Fault	Vunknown	P0V	C4:12:0		Toobor						H3-V8-20200809.2
192.168.2.81	WaitWork		P0V0	CA:09:10	Current Account Password:	****		0.000	0.00	0		H616-CB6V10-2023090
192.168.2.83	WaitWork		V-1909740	C8:11:1	Gunenic Account 1 assword.	1		0.000	0.00	0		H616-CB6V1-202309
192.168.2.22	WaitWork		P0V0	C8:09:1		00		0.000	0	0		H6OS-CB4V10-202302
192.168.2.236	WaitWork	M50 VH95	P0V0	C6:07:2	Monitor Intervals (s):	30		0.000	0.00	0		H6OS-CB4V10-202308
192.168.2.98	Running	M30S++ VH70	P221C-20201	CA:01:1				19.080	17.92	342		H616-CB6V10-202308
					Scan Timeout (ms):	1000						
					Scan Threads:	100						
					Upgrade Threads:	3	•					
					IP Suffix Count:	3	•					
		List Column Display Mode:	Compact Mode	•								
		语言版本/Language:	Epolish	•								
				1								
		Minimize To	Task Bar	•								
				On Startup	Disable Monitor	•						
					Periodically Export Interval	No Export	•	-				
					Compact Mode	Close	-					
					Periodically Export Path	Open Close						
					Periodicially Explore Early	1						
					Tool Path	C:\Users\ADMINI~1	AppData					
						1						
						-						
					Save	Cancel						

4. Miner IP

4.1.Add the starting IP segment

Click on the [Miner IP] button to pop up the Miner IP management window, as shown in the following figure:

1		pontent mese	Linder and			anni ure commune		inin Kala antina ma		1	1		
Miner IP	Monitoring	Upg	rade	Pools	Password	Permissions	Remote Ctri		Export	IP Monit	tor	Setting	Contact Us
IP	Status	Miner Type	Power Version	MAC	Addr Po	sition UpTim	Elapsed	THS15m	THSAvg	Efficiency(W/T)	Power(W)	Ver	sion Info
192 168 2 25	Running	M31 V20	P21D-20200	C4:10:25	00.5D.06	06:54	05:59	61.032	61.095	45.34	2770	H3-V10-2	0200805.10.1
192.168.2.120	Running	M315_V21	P21D-20200	Miner IP Man	agement				×	113.44	3308	H60S-V6-2	0200628.20.REL
192.168.2.115	Running	M32_V10	P21E 20200		5					105.82	3537		0200628.20.REL
192.168.2.197	Running	M30K_V10	P30A-20200.	Hart IP:		End IP:		Add	Import	39.76	7037		20200812.1951.1
192.168.2.209	Running	M30K_V10	P0V	and the second s		and the second s				0	0		200807.2127.1.LC
192.168.2.122 192.168.2.232	Fault	_Vunknown	P0V	T AI	Comment			Edit	Delete	0	0		0200805.10.1 200730.22 REL
192.168.2.232	Fault	M3_V12 M3_V12	P0V				-		-	0	0		200730.22.REL 200809.22.REL
192.168.2.235	Fault	V12	V		IP		C	omment		0	0		20200309 22 REL 20200317 22 1
						ОК							

Enter the corresponding IP segment in the Start IP and End IP input fields, and then click Add.

After the IP segment is selected, there will be a blue background color. and you can perform [Update] or [Delete] operation:

	nagement	-		
start IP:	192.168.2.1	End IP: 192.168.2	255 A	dd Import
	Comment m	niner	Up	date Delete
	IP		Comm	ent
ip.bt	68.2.1 ~ 192.168.2.		¥场 IP Fi	

Note: check the left check box to indicate that the address section is in scan rang.

4.2. Import IP

Click on the Import button, select the (txt format of the IP file you want to import in the popup box that appears), click Open:

Note: in the TXT text, IP must be 1 line and 1 sort.

ip.txt - 记事本 文件(E) 编辑(E) 格式(Q) 查看(V) 帮助(H)	Miner IP Management Start IP: 192.168.2.1 End IP: 192.168.2.255 Add	Imp
192.168.2.78	All Comment miner Update Update	Del
192.168.2.33	@ 卸开	
192.168.2.46	童线范围(): □ IP · ← € 🗳 🗊 •	
192.168.2.188	各時 伊成日期 第4日期 10.11117:08	突型 文本文
192.168.2.2		
192.168.6.4		
192.168.6.4 192.168.2.111	く 文件名(N): io.bt tran	2
		_

5. Scanning Miner

After you enter the IP section in the miner IP management window to save, click on the [Monitor] button, and the list box will list the online miner running status in the current scan address section, as shown in the following figure

192:148.2115 Running M35_V21 P21D-20200. C6.06.94.01.16.67 00.21 00.06 25.50 7.94.3 45.33 3.488 1490-5V8-0200622.20 REL 192:148.2115 Running M32_V10 P21E-20200. C6.06.94.00.20 6E 00.22 00.20 27.225 35.270 96.50 3474 H60-5V6-02200628.20 REL 192:148.2197 Running M32_V10 P34-022006.20 C27.25 07.16 0.65.5 176.994 177.001 9.88 70.99 H60-5V-10-0200612.1951.1	Miner IP	Monitor	Upg	rade F	Pools	rd Perm	issions	Remote Ctrl		Export	IP Moni	tor	Setting Contact Us
192:148.2115 Running M35_V21 P21D-20200. C6.06.94.01.16.67 00.21 00.06 25.50 7.94.3 45.33 3.488 1490-5V8-0200622.20 REL 192:148.2115 Running M32_V10 P21E-20200. C6.06.94.00.20 6E 00.22 00.20 27.225 35.270 96.50 3474 H60-5V6-02200628.20 REL 192:148.2197 Running M32_V10 P34-022006.20 C27.25 07.16 0.65.5 176.994 177.001 9.88 70.99 H60-5V-10-0200612.1951.1	IP	Status	Miner Type	Power Version	MAC Addr	Position	UpTime	Elapsed	THS15m	THSAvg	Efficiency(W/T)	Power(W)	Version Info
192:168.2.115 Running M32_V10 P21E-20200 C60604.00.20:8B 00.22 00.20 27.225 35.270 98.50 3474 H60S-V6-2020628.20.REL 192:168.2.197 Running M30K_V10 P304-20200 C6.06.12.00.22.7F 07.16 06.56 176.994 177.001 39.88 7059 H60S-V10-20200812.1951.1	192.168.2.25												
192.168.2.197 Running M30K_V10 P30A-20200 C6:06.12:00:22:7F 07:16 06:56 176.994 177:001 39.88 7059 H60S-V10-20200812:1951.1													
	192.168.2.115 192.168.2.197 192.168.2.209	Running	M30K_V10	P30A-20200	C6:06:12:00:22:7F		07:16	06:56	176.994	177.001	39.88	7059	H6OS-V10-20200812.1951.1
			_										

Note: scan details can be referred to the bottom window status bar, scan can be stopped at any time.

5.1. Filter lists by status

Right-click anywhere outside the "Miner Type" column in the miner status list box, and the tool will display the "Status Options" bullet box, as follows:

Miner IP	Monitor Up	grade	Pools Pas	sword Perr	nissions	Remote Ctrl		Export	IP Moni	tor	Setting Contact
IP	Status Miner Type	Power Version	MAC Addr	Position	UpTime	Elapsed	THS15m	THSAvg	Efficiency(W/T)	Power(W)	Version Info
192.168.2.25	Running M31_V20	P21D-20200	C4:10:25:00:5D:06		07:05	06:10	61.095	61.096	45.37	2772	H3-V10-20200805.10
192.168.2.120 192.168.2.115	Running M310_V21 Running M32 V10	P21D-20200 P21E-20200	C6:06:04:00:19:67 C6:06:04:00:20:68		00:21	00:06	25.520 27.225	76.943	45.33 98.50	3488 3474	H6OS-V6-20200628.20. H6OS-V6-20200628.20.
192.168.2.197	Run Status X	P30A-20200	C6:06:12:00:22:7F		07:16	06:56	176.994	177.001	39.88	7059	H60S-V10-20200812.19
192.168.2.209	Run	P0V	C6:04:27:00:02:3D		01:12	00:06	7.581	21.899	0	0	H60S-V10-20200807.212
	₩ [A11]										
	Running										
	Fault										
	Shutdown										
-	Success										
	Failed										
	OK										
-											
-											

5.2. Filter list by model

In the miner status list box, right-click on the "Miner Type" column, the tool will display the "Miner type" bullet box, as follows:

IP	Status	Miner Type Power Version	MAC Addr	Position	UpTime	Elapsed	THS15m	THSAvg	Efficiency(W/T)	Power(W)	Version Info
192.168.2.25	Running	M31_V20 P21D-20200	C4:10:25:00:5D:06		07:05	06:10	61.095	61.096	45.37	2772	H3-V10-20200805.10.1
192.168.2.120	Running	1216_V21 P21D 20200	C6:06:04:00:19:67		00:21	00:06	25.520	76.943	45.33	3488	H6OS-V6-20200628.20.REL
192.168.2.115	Running	M32_V10 P21E-20200	C6:06:04:00:20:6B		00:22	00:20	27.225	35.270	98.50	3474	H60S-V6-20200628.20.REL
192.168.2.197	Running	130K_MinerType ×	C6:06:12:00:22:7F		07:16	06:56	176.994	177.001	39.88	7059	H6OS-V10-20200812.1951.1
] 192.168.2.209	Running	A11 M3 V12 M3 V12 M3 V10 M3 2 V12 M3 V12 V10 M3 V12 V10 M3 V12 V10 M3 V12 V10 V10 M3 V12 V10 V10 M3 V12 V10 V10 V10 V10 V10 V10 V10 V10	C6:04:27:00:02:3D		01:12	00:06	7.581	21.899	0	0	H6OS-V10-20200807.2127.1.LC
		N31_V20									

6. Firmware upgrade

6.1. Select firmware files

Click on the [Upgrade] button, click on the [Select Firmware] button and select the firmware file to upgrade in the bullet-box displayed, as follows:

	Monitoring	Upgr	ade P	ools Pas	sword Permission	Remote	e Ctrl		Export	IP Monito	r Setting C	ontact Us
Firmware File:	C:\Users\T		hatsminer-M3x-all-	20201011.bin				Select	ile St	art Upgrade	Firmware Download Lin	k
IP	Status	Miner Type	Power Version	MAC Addr	Error Code	UpTime E	Elapsed	THS Avg	Efficiency(W/T)	Power(W)	Version Info	ChipTyp
 ✓ 192 168 2 20 ☐ 192 168 2 81 ☐ 192 168 2 143 ☐ 192 168 2 161 ☐ 192 168 2 183 	Fault Shutdown Running Running Running	_Vunknown M50_VE30 M30S+_VE40 M21_V11 M20S_V12	P22B-20200 P222C-2214 P221C-2020 P5-V1_V1-V1 P21-102218	C6:07:20:00:20:DF C6:06:12:00:21:FD C6:08:08:00:38:70	100002-100003-2		00s 00:50 00:01	0.000 0.000 46.658	0 nan 77.00 × 48.31	0 0 3593 0 3349	H60S-V10-20201011.22.REL H60S-V10-20201111.16.1 H60S-V10-20201120.22.REL H3-V8-20201125.11.REL H6-V2-20201120.17.REL	1950-V01 1950-V01 K22A253-1 1922-V02
192.168.2.163	Running	M30S+_V20	P21E-20200		重 点面	•] ← 🗈 (22.64	1055	H6-V2-20201125.11.REL	1930-V02-
				名称 1950系列槽 adjust hasi		202	女日期 20/11/12 17: 20/5/30 15:4					
				APMinerTo		202 202	20/6/10 16:1 20/6/10 16:1 20/10/29 16: 20/10/21 17:	8 文件 13 文件				
				PhoenixCar	dV4.1.2	202	20/11/12 17:	51 文件				
				文件名(N):	1			打开(Q)				
				文件类型(1):	All Files (*.*)		•	取消				
<		_										

6.2. Start to upgrade firmware

Select the firmware file, check the IP of the miner to be upgraded, and click on the [Start Upgrade] button to upgrade, as follows:

								_				
Firmware File:	C:\Users\T	hink\Desktop\w	hatsminer-M3x-all-	20201011.bin				Sele	ct File St	art Upgrade	Firmware Download Lin	ĸ
IP	Status	Miner Type	Power Version	MAC Addr	Error Code	UpTime	Elapsed	THS Avg	Efficiency(W/T)	Power(W)	Version Info	ChipType0
2 192 168 2 20 192 168 2 81 192 168 2 143 192 168 2 143 192 168 2 163 192 168 2 163	Status Fault Shutdown Running Running Running	_Vunknown M50_VE30 M30S+_VE40 M20S_V12	Power version P22B-2020 P22B-2020 P221-0220 P21-102218 P21-102218 P21E-20200	MAC.A00 C607200020DF C606120021F0 C606120021F0 C60808000387C C21110000FA C40509000168		03:54 03:54 00:21 00:43 00:03	Elapsed 005 00:51 00:02 00:24 00:03	0.000 0.000 49.956 69.351 45.028	Emdercy(wir) 0 nan 77.96 48.28 39.62	0 0 3595 3348 1784	Version III 22 REL H608-V10-20201011122 REL H608-V10-202011111.6.1 H608-V10-202011120 22 REL H6-V2-20201120.17 REL H6-V2-20201125.11 REL	1950-V01-0 1950-V01-0 1922-V02-0 1930-V02-0
_												

When the dialog box pops up, click the OK button. The status shows "success" and the upgrade is successful; otherwise, it shows "failure".

6.3. Firmware download link

Click the firmware download link, and the browser will automatically jump to the firmware download site of the official website, as shown below:

Miner IP	Monitoring	Upgra	ade P	ools Passw	ord Per	rmissions R	emote Ctrl		Export	IP Monitor	Se	etting Cont
Firmware File:								Sele	ct File	Start Upgrade	Firmy	vare Download Link
IP	Status	Miner Type	Power Version	MAC Addr	Error Cod	e UpTime	Elapsed	THS RT	THS Avg	Efficiency(W/T)	Power(W)	Version Info
Start what	tsminer			Dec	oduct Ad	lvantage Su		lews C	ontact Us	CN EN		art Login
e wild	sinner			PIC	duct At	ivantage su	ipport N	vews c	ontact Us	CINITEIN	E.C.	Login
Suppo	rt > Technic	al Support										
Juppo	Technic	anouppoint										
		and	Tools Downlo	pad Docum	nents Downl	and						
Firmw	ares Downl					uau						
Firmw					File Size				1	Indata tima	0.00	ration
Firmwa		~	File M	lame		nstruction				Ipdate time	Ope	ration
Firmw	are	~	File Mha		20MB 1	nstruction . Applicable mode				Update time 1022.2.9		ownload
Firmw.	are 45x & M3x ser	v ies	File Mha	lame tsminer-M3x&M5X-all-	20MB 1 1 1	• Applicable mode .1 M50s, M31S, M3 .2 High mode can b	0s, M32 etc.; be only support	ed by M30X se	2			
Firmw. N	are M5x & M3x ser M2x series	v ies	File Mha	lame tsminer-M3x&M5X-all-	20MB 1 1 1 1 2	Applicable mode 1.1 M50s, M315, M3 2.2 High mode can b equire the input vol 4. New version high	0s, M32 etc.; be only supporte tage over than hlights	230VAT;	2 ries, also			
Firmw N N	are M5x & M3x ser M2x series M10 & D1 serie M3	v ies 25	File Mha	lame tsminer-M3x&M5X-all-	20MB 1 1 1 2 2 2 2	Applicable mode 1 M50s, M31S, M3 2 High mode can b equire the input vol 1 Support Pool TLS 2 Support Low moi	0s, M32 etc.; be only support tage over than lights 5 safety transpo de on M3X_VE;	230VAT; rtation protoco M3X_VF serie	2 ries, also bl; s;			
Firmw. <u>h</u> N SD-cai	are M <mark>5x & M3x ser</mark> M2x series M10 & D1 serie M3 rd flashing pr	ies 25 rogram ~	File Mha	lame tsminer-M3x&M5X-all-	20MB 1 1 1 2 2 2 2 2 2 2	Applicable mode Applicable mode Amode and	0s, M32 etc.; tage only support tage over than lights 5 safety transpo de on M3X_VE; afety of firmwar	230VAT; rtation protoco M3X_VF serie re: device will r	2 ries, also bl; s;			
Firmw. M SD-car	are M5x & M3x ser M2x series M10 & D1 serie M3 rd flashing pr f6os control bo	ies ≥s rogram ∽ oard	File Mha	lame tsminer-M3x&M5X-all-	20MB 1 1 1 2 2 2 2 2 2 0 0 0 0 0 0	Applicable mode I M50s, M315, M3 Z High mode can b equire the input vol New version high I Support Pool TLS 2 Support Low mo 3 Strengthen the s- luring upgrading,the 'lit' NeedUpgradeA	0s, M32 etc.; be only support tage over than hights 6 safety transpo de on M3X_VE; afety of firmwar e version name sgain" at 1st tim	230VAT; rtation protoco M3X_VF serie re: device will r will be end re, please wait	2 ries, also ol; s; eboot 2 times : for 2nd			
Firmw N SD-car F	are M5x & M3x ser M2x series M10 & D1 serie M3 rd flashing pr HGos control bo HG16 control bo	ies 25 rogram ~ oard oard	File Mha	lame tsminer-M3x&M5X-all-	20MB 1 1 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Applicable mode In MS0s, M315, M3 Z High mode can b equire the input vol New version high I Support Rool TLS 2 Support Low mo 3 Strengthen the s virin's uperading.th virin's uperad	0s, M32 etc.; be only supportu- tage over than lights 5 safety transpo de on M3X_VE; afety of firmwar e version name ggain" at 1 st tim vill be changed s;	230VAT; rtation protoco M3X_VF serie re: device will r will be end re, please wait to target versi	2 ries, also b); s; eboot 2 times : for 2nd on;			
Firmw. N SD-cat F F	are M5x & M3x ser M2x series M10 & D1 serie M3 rd flashing pr f6os control bo	ies es rogram ~ oard coard rd	File Mha	lame tsminer-M3x&M5X-all-	20MB 1 1 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Applicable mode Applicable mode 1 M50s, M31S, M3 2 High mode can b equire the input vol 1 Support Poor TOL 2 Support Low moo 3 Strengthen the s- turing upgrading, the rith "NeedUpgrade Ap- Boot, after that it v	0s, M32 etc.; tage over than lights s safety transpo de on M3X_VE; afety of firmwar e version name gain* at 1st tim viill be changed s; g to version ear atch with tool v	230VAT; rtation protoco M3X_VF serie re: device will r will be end re, please wait to target versi lier than 20210 rhatsminertool	2 ries, also al; s; eboot 2 times for 2nd on; 6002 is			

7. Collocating pool

7.1. Setting before collocating pool

Click on the [Settings] button to pop up the settings window. The number of IP suffixes for miners can be selected from 1 to 4. Other options can be configured according to the needs. Configuration is completed by clicking the [Save] button to save. The following figure is as follows:

一比特微	3T												
Miner IP	Monitoring	Upgrade	Pools	Password	Permissio	ns Rem	ote Ctrl		Export	IPI	Monitor	Setting Conta	ict l
IP	Status	Miner Type	Power Version	MAC Addr	Error Code	UpTime	Elapsed	THS RT	THS Avg	Efficiency(W/T	Power(W)	Version Info	-
192.168.33.45	Running	M31S+_V100	P221C-20201	C8:06:22:00:78:9E		1d 00:37	06:02	70.518	70.521	40.38	2847	H6OS-CB4V10-20211103.11.R	ÆL
192.168.33.48	Running	M30S_V60	P221C-20122	C8:06:22:00:1B:66	2320	1d 00:37	09:08	59.642	60.651	51.05	3096	H6OS-CB4V10-20211103.11.R	(EL
192.168.33.44	Running	M30S_V60	P221C-20122	C8:06:22:00:17:D3	275	1d 00:37	1d 00:16	92.120	91.978	39.36	3619	H6OS-CB4V10-20211103.11.R	EL
192.168.33.47	Running	M30S_V30	P21D-202003	C8:06:2 Setting Dial	og			×	93.323	38.69	3610	H6OS-CB4V10-20211103.11.R	ÆL
					Current Account:	super	•						
				Curren	nt Account Password:								
					Monitor Intervals (s):	30							
						1							
					Scan Timeout (ms):	1000							
					Scan Threads:	100							
					Upgrade Threads:	3	•						
						-							
					IP Suffix Count:	3	•						
				List C	olumn Display Mode:	2		1					
					语言版本() aproverse	4							
					语言版本/Language:		•	-					
					Minimize To	Task Bar	•						
					On Startup	Disable Monitor	-						
				Peno	dically Export Interval	Inum	-						
					Export Path								
					Tool Path	C:\Users\Think\	Desktop\Wh						
						_							
					Save	Cance	a						

7.2. Start to collocate miner pools

Click on the [Pools] button, edit the miner address, worker, Choose miner suffix form, select the miner's currency, then select the miner's IP that needs to be configured, click on the [Start Upgrade] button, tick the [Fixed Pools] button to lock the Miner you have set up at present, as follows:

· FOOT 1. Janatum+	tcp://192.168.31.6	0.3334		Worker: micro	Dunitiai	No Suffix	_	Pwd:	123		Coin Type	
Pool 2:				Worker:		No Suffix	•	Pwd:	123		BTC/BCH/E	
Pool 3:				Worker:		No Suffix	•	Pwd:	123		Fixed Pools Set Pool O	
IP	Status	Miner Type	Power Version	MAC Addr	Error Code	UpTime	Elapsed	THS RT	THS Avg	Efficiency(W/T	Power(W)	PowerLimit
192.168.32.211	Running	M30S++_VG	P221B-262m	CA:B6:15:00:00:0A		7d 01:39	06s	8.504	8.504	1.40	11	3600
192.168.32.227	Running	M31S+_VG30	P221B-V02.02	CA:B6:15:00:00:1B	540-280-279-278	7d 01:40	01s	0.000	0.000	0.00	6	3600
192.168.32.209	Running		P221B-21121	CA:B6:15:00:00:12	300	6d 23:47	06s	7.813	7.813	1.88	14	3600
192.168.32.230	Running		P221B-21121	C8:0C:0D:00:07:0F	541-540	7d 01:40	01s	0.000	0.000	0.00	4	3500
192.168.32.236	WaitWork	M30S++_VH60	P0V0	CA:B6:15:00:00:10	200	6d 23:48	00s	0.000	0.000	0	0	

When the dialog box pops up, click OK.

7.3.Set Pool Only

Click the **[**Set Only Pool**]** button. Worker, password, Worker suffix, currency selection and other functions cannot be configured, only Pool can be configured, as shown below:

Miner IP	Monitoring	Upgrade	Pools	Password	Permissions	Remote Ctrl		Expo	irt	IP Monitor	Setting	Con
Pool 1: stratum+t	cp://192.168.31.6	55:3334		Worker: microl	otinitial	No Suffix	v	Pw	d : 123		Coin Type	
Pool 2:				Worker:		No Suffix	-	Pw	d : 123	[E	BTC/BCH/E	Start
Pool 3:				Worker:		No Suffix	_	Pw	d: 123		Fixed Pool	_
IP	Status	Miner Type	Power Version	MAC Addr	Error Code	UpTime	Elapsed	THS RT	THS Avg	Efficiency(W/T)		
 ✓ 192.168.32.209 ☐ 192.168.32.211 ☐ 192.168.32.230 ☐ 192.168.32.236 	Running Running WaitWork WaitWork	M30S++_VG	P221B-21121 P221B-262m P221B-21121 P0V0	CA:B6:15:00:00:12 CA:B6:15:00:00:0A C8:0C:0D:00:07:0F CA:B6:15:00:00:10	300	6d 23:30 7d 01:22 7d 01:23 6d 23:31	6d 23:27 7d 01:16 00s 00s	82.802 106.869 0.000 0.000	82.928 107.079 0.000 0.000	36.51 32.23 0	3023 3444 0 0	3600 3600
192.168.32.227	Fault		P221B-V02.02	CA:B6:15:00:00:1B	540-280-279-278		00s	0.000	0.000	0	0	

8. Modify passwords

Check the miner IP, click on the [Password] button, select admin or super, user1, user2, user3, then enter the old password (the default password is the same as the account number), then enter the new password, and click on the [Start Upgrade] button, as follows:

	Account admin	-	Old Password		New Passwor	rd:		Retype I	Password:		St	art Update	
IP	St super	þe	Power Version	MAC Addr	Position	UpTime	Elapsed	THS15m	THSAvg	Efficiency(W/T)	Power(W)	Version Info	0
192.168.2.25	Ru user2	0	P21D-20200	C4:10:25:00:5D:06		07:05	06:10	61.095	61.096	45.37	2772	H3-V10-20200805.10.1	
192.168.2.120	Ru user3	21	P21D-20200	C6:06:04:00:19:67		00:21	00:06	25.520	76.943	45.33	3488	H6OS-V6-20200628.20.REL	
192.168.2.115	Running	M32_V10	P21E-20200	C6:06:04:00:20:6B		00:22	00:20	27.225	35.270	98.50	3474	H60S-V6-20200628.20.REL	
192.168.2.197	Running	M30K_V10	P30A-20200	C6:06:12:00:22:7F		07:16	06:56	176.994	177.001	39.88	7059	H6OS-V10-20200812.1951.1	
192.168.2.209	Running	M30K_V10	P0V	C6:04:27:00:02:3D		01:12	00:06	7.581	21.899	0	0	H60S-V10-20200807.2127.1.LC	

9. Configuration Of Permission

Add a super administrator and a normal administrator account on WhatsminerTool. The super administrator can configure permissions for the general administrator.

Click on the [Permissions] button to configure different privileges for three general administrator accounts.

To do this, you need to log in to the super super administrator account. At present,



the login account can be viewed in the upper left corner of the tool.

By default, the super super administrator account can be logged in to perform all operations on the miner. To login to other accounts, click Login at Setting.

IP	Status	Permissions Configuration		×	le	UpTime	Elapsed	THS RT	THS Avg	Efficiency(W/T)	Power(W)	PowerLimitS
192.168.2.87	Fault	-			01-3	00:26	00s	0.000	0.000	0	0	
192.168.2.22	WaitWork				322	03:13	00s	0.000	0.000	0	0	
192.168.2.23	WaitWork	Account	Permissio	r	10	02:58	00s	0.000	0.000	0	0	8888
192.168.2.30	WaitWork				309	4d 00:08	00s	0.000	0.000	0	0	
192.168.2.236	WaitWork	super	LEVEL_255	v	11	00:22	00s	0.000	0.000	0	0	
192.168.2.235	Fault	CO SCI	LEVEL_LOO			00s						
192.168.2.97	WaitWork					00:01	00s	0.000	0.000	0	0	
		user1	LEVEL_0	•								
		user2	LEVEL_0	-								
		00012	100000_0									
		user3	LEVEL_0	-								
		Description 1. This function is open for su 2. LEVEL_0 supports monitori firmware. 3. LEVEL_1 supports operatio restoring factory setting, rest and switching web pools. 4. LEVEL_2 supports operatio and restoring factory setting. 5.1 EVEL_255 supports all on Configure	ng, updating passwor ons except permission oring miner setting, co ons except permission	configuration, nfiguring pools configuration								

10. Remote Control

10.1. Restarting miner

Check the miner IP, click on the [Remote Ctrl] button, select "Reboot" in the pop-up dialog box, and then click on the [OK] button, as shown in the following figure:

Remote Control Dialo	g (Complete Mode)						×
C Reboot	C Leds Control	C Miner API Switch	C Restore Miner	C Export Log	C Web Pools Switch	○ Set ntp Server	C Set Time Zone
C Mining Control	C Protection Mode	C Adjust Upfreq Speed	C Adjust Freq	C Set Power Limit	C Performance Mode	C Power Fast Boot	
				OK	Cancel		

When the dialog box pops up, click the OK button. 10. 2. Mining control

Click the "remote Control" button on the IP, of the sorting machine, select "Mining Control" in the pop-up dialog box, and then click the "OK" button. Note that M3 and other early machines are not supported when the mining machine is turned off, as shown in the following figure:

Remote Control Dia	alog (Complete Mode)						
C Reboot	C Leds Control	C Miner API Switch	C Restore Miner	C Export Log	C Web Pools Switch	C Set ntp Server	C Set Time Zone
Mining Control	C Protection Mode	C Adjust Upfreq Speed	C Adjust Freq	C Set Power Limit	C Performance Mode	C Power Fast Boot	
				ОК	Cancel		
		ig Control				7	

Cancel

After the selection,	a pop-up window will p	oop up to choose to	resume mining and	stop
mining. Select one and	press OK to switch the	mining mode.		

OK

10.3. Switch hash rate mode

Check the IP of the mining machine, click the "remote Control" button, select "switch performance Mode" in the pop-up dialog box, and then click the "OK" button. Note that the function of switching arithmetic mode does not support M3 and other early mining machines.

Remote Control Dialog		×
⊂ Reboot	C Mining Control 💽 Performance Mode C Power Fast Boot C Miner API Switch C Restore Miner C Set Power Limit	
C Leds Control	C Protection Mode C Adjust Freq C Export Log C Web Pools Switch C Adjust Upfreq Speed	
	OK Cancel	

After selection, a pop-up window will pop up. Select one and press Select to switch the force calculation mode. Note: at present, the high-performance mode only supports m30s series and the voltage requirement is more than 230V, as shown below:

Switch Power N	Mode				×
۰ (High	C No	rmal	C Low	
		ОК	Cancel	1	
		on		1	

10.4. Restore Miner

Check the miner IP, click on the [Remote Ctrl] button, select "Restore Miner" in the pop-up dialog box, and then choose the desired operation, such as Restore DHCP,



Restore miner setting, Restore factory setting, etc. Finally, click the 'OK' button, as shown in the following figure.:

Restore Miner	×
C Restore DHCP	C Restore Factory Setting
O Restore Miner Setting	
ОК	Cancel

After selecting the desired operation, the miner will Restore DHCP, Restore miner setting, or Restore factory setting.

10.5. Miner API

Check the miner IP, click on the [Remote Ctrl] button, select the "Miner API Switch" in the pop-up dialog box, and then click on the select button, as follows:

Remote Control Dialo	og (Complete Mode)						;
C Reboot	C Leds Control	Miner API Switch	C Restore Miner	C Export Log	○ Web Pools Switch	C Set ntp Server	C Set Time Zone
C Mining Control	C Protection Mode	C Adjust Upfreq Speed	Adjust Freq	C Set Power Limit	C Performance Mode	C Power Fast Boot	
				ОК	Cancel		

After opening the API switch, you can use the API interface to obtain various states of the miner and modify the parameters of the miner.

You need to upgrade to the official version 20200801 and later.

10.6. Power Fast Boot

Check the miner IP, click on the [Remote Ctrl] button, select the "Power Fast Boot" in the pop-up dialog box, and then click on the select button, as follows:

Remote Control Dialo	g (Complete Mode)						×
C Reboot	C Leds Control	C Miner API Switch	○ Restore Miner	C Export Log	C Web Pools Switch	C Set ntp Server	○ Set Time Zone
C Mining Control	C Protection Mode	C Adjust Upfreq Speed	C Adjust Freq	C Set Power Limit	Performance Mode	Power Fast Boot	
				ОК	Cancel		

After restarting the machine, the load of the mining machine can quickly reach the rated load within one minute in the start-up stage, and the load fluctuation can



be reduced.

Need to upgrade to the official firmware version 20200801 and later, and only support M30 series

10.7.Control the LED lights

IP, click the "remote Control" button, select "Traffic Light Flash" in the pop-up dialog box, and then click "OK" button, as shown below:

Remote Control Dialo	og (Complete Mode)						×
C Reboot	Leds Control	C Miner API Switch	C Restore Miner	C Export Log	C Web Pools Switch	○ Set ntp Server	C Set Time Zone
C Mining Control	C Protection Mode	C Adjust Upfreq Speed	C Adjust Freq	C Set Power Limit	C Performance Mode	C Power Fast Boot	
				ОК	Cancel		

After the completion of the operation, the traffic light of the selected mining machine will flash quickly to facilitate the rapid and accurate positioning of the mining machine. After selecting [normal traffic light], the traffic light of the mining machine will return to the normal state before.

10.8.Export log

Check the miner IP, click on the [Remote Ctrl] button, select the "ExportLog" Switch in the pop-up dialog box, and then click OK, as shown below:

Remote Control Dialo	g (Complete Mo <mark>d</mark> e)						×
C Reboot	C Leds Control	○ Miner API Switch	C Restore Miner	Export Log	C Web Pools Switch	○ Set ntp Server	C Set Time Zone
C Mining Control	C Protection Mode	C Adjust Upfreq Speed	C Adjust Freq	C Set Power Limit	C Performance Mode	C Power Fast Boot	
				ОК	Cancel		

In the pop-up dialog box, choose to save the exported log as a file directory. As shown below:

此电脑	
> 🔝 控制面板	^
∨ 💻 此电脑	
> 👆 下载	
> 📃 桌面	
> 🧊 3D 对象	
> 📋 文档	
> 👌 音乐	
> 📕 视频	
> 📰 图片	
> 🏪 系统 (C:)	
> 🕳 软件 (D:)	
	v



The log contains upfreq_test.log, power.log, Miner.log, system.log, api.log

upfreq_test.log	9.46 MB	995.11 KB
system.log	296.54 KB	30.48 KB
power.log	741.59 KB	76.16 KB
miner.log	15.85 KB	1.64 KB
📄 api.log	107.69 KB	11.08 KB

10.9. Web page setting pools permission

Check the miner IP, click on the [Remote Ctrl] button, select the "Web Pools Switch" in the pop-up dialog box, and then click the [OK] button, as follows:

Remote Control Dialo	og (Complete Mode)						×
C Reboot	C Leds Control	C Miner API Switch	C Restore Miner	C Export Log	Web Pools Switch	○ Set ntp Server	○ Set Time Zone
C Mining Control	C Protection Mode	C Adjust Upfreq Speed	C Adjust Freq	C Set Power Limit	C Performance Mode	C Power Fast Boot	
-				ОК	Cancel		

In the pop-up window, you can display or hide the modified mine page in the background of the web page by selecting either Enabling Web Pool Function or Disabling Web Pool Function.

Web Pools Configuration Switch	Х
• Enable Web Pools Config	C Disable Web Pools Config
Select	Cancel

10.10.Adjust Freq

Set the machine frequency adjustment percentage, and the up-up frequency only supports liquid-cooled machines; each adjustment frequency is based on the target frequency; the down-regulation frequency is shown in the following figure:

		特微			1.5	1				1	1		
M	iner IP	Monitori	ng	Upgrade	Pools	Password	Permissions	Remote Ctrl		Export	IP Monitor	Setting	Contact Us
Out	PowerSpd	PowerVIn	Powerlin	PCB SN0	PCB SN1	PCB SN2	PCB SN3	Tagged Hash Rate	Coin Type	Performance		Account Permissoin	
10	6008	239.00	11.94		BDM1FP6FA11314			29959:22343:29542	BTC	Normal(-10%)		i5 user1=0 user2=0 user3	
20	6120	241.50	12.91		SDM1ESA4601108			-1:4:4:	BTC	Normal		i5 user1=0 user2=0 user3	
80	6120	238.50	15.14		SAM1ESA4600B04			0:-1:-1:	BTC	Normal		i5 user1=0 user2=0 user3	
10	8768	240.25	15.14	Z3W1ESA4300429	Z3M1ESA4300429	Z3M1ESA4300429		30945:28325:31381:	BTC	Normal	super=2	i5 user1=0 user2=0 user3	=0
						Adjust Freq		×					
							Adjust the target te target freq of produc	req tion[-100%+100%])					
							ок	Cancel					

After the operation is completed, the selected machine displays the percentage of up / down actions corresponding to [performance Mode].

10.11. protection mode (for water-cooled models only)

Switch to anti-Freezing mode. After network disconnection or abnormal flow, the machine is automatically heated to 5-10 $^{\circ}$ C to prevent ice from being added inside the water-cooled version. The machine defaults to anti-Freezing mode, as shown below:

Protection Mode (Only for water cooling machines)	×
Anti-Freezing (default mode) O Power-Keeping	
After network interruption or abnormal water flow, the machine will be automatically heated to $5 \sim 10^{\circ}$ C to prevent the inside of the water cold plate from freezing.	
OK	

Switch the power-Keeping mode, and the machine will continue to work to maintain the power after the disconnection; if the water flow is abnormal, it will automatically switch to the anti-icing mode, as shown below:

rotection Mode (Only for	water cooling machi	nes)	
C Anti-Free	zing (default mode)	Power-Keeping	
		is porter recepting	
		will keep working to keep po ater flow, will automatically	

After the switch is successful, you can check the confirmation in the tool data list item heating mode.

10.12. Adjust Upfreq Speed

Check the miner IP, click the "remote Ctrl" button, select "Adjust Upfreq Speed" in the pop-up dialog box, select the Upfreq speed to be set, and then click "OK" button as shown below:

ust	×
e speed, the greater the final hash rate and d the stability may have a certain impact. P ode cannot be used at the same time.	
10	
Stable Fast	
OK Cancel	

Frequency adjustment range: $[0^{10}]$; function: 0 indicates normal frequency search speed. The larger the number is, the faster the frequency search speed is. Stability may have an impact.

10.13. Set Power Limit

Check the miner IP, click the "remote Ctrl" button, select "Set Power Limit" in the pop-up dialog box, enter the power number $[0^{\circ}99999]$, (do not exceed the machine factory power, otherwise it will not take effect) the software automatically takes the valid value, and then click the "OK" button, as shown below:

Power Limit	×	
Power Limit(0~99999):		
OK Cancel		

After the operation is completed, the selected machine displays its set value corresponding to "Set Power limit", and the "Power limit" displays the actual value of the machine, as shown below:

Miner Type	Power Version	MAC Addr	Error Code	UpTime	Elapsed	THS RT	THS Avg	Efficiency(W/T)	Power(W)	PowerLimit	PowerLimitSet	Version Info
130S++ VG	P221B-262m	CA:B6:15:00:00:0A		7d 01:39	06s	8.504	8.504	1.40	11	3600	4000	H616-CB6V12-20221027.11.F
	P221B-V02.02	CA:B6:15:00:00:1B	540-280-279-278	7d 01:40	01s	0.000	0.000	0.00	6	3600		H616-CB6V12-20221027.11.F
130S++_VG	P221B-21121	CA:B6:15:00:00:12	300	6d 23:47	06s	7.813	7.813	1.88	14	3600		H616-CB6V12-20221028.11.8
430S++_VH70	P221B-21121	C8:0C:0D:00:07:0F	541-540	7d 01:40	01s	0.000	0.000	0.00	4	3500		H616-CB6V10-20221027.11.
430S++_VH60		CA:B6:15:00:00:10	200	6d 23:48	00s	0.000	0.000	0	0			H616-CB6V12-20221028.11.
												<u>.</u>
												•

10.14.Set NTP Server

Check the machine IP, and click the "Set NTP Server" button. In the pop-up dialog box, you can modify or add the ntp server address to the local ntp server address according to the situation of the mine, as shown below:

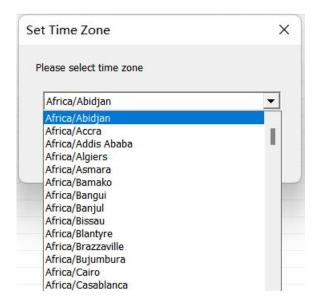
NTP1	0.pool.ntp.org	
NTP2	0.openwrt.pool.ntp.org	
NTP3	ntp.ix.ru	
NTP4	ntp.aliyun.com	



In configuring the NTP service, the addresses of the four ntp servers were initially configured by default.

10.15.Set Time Zone

Check the machine IP, and click the "Set time Zone " button. In the pop-up dialog box, you can choose the corresponding time zone according to the situation of the mine, as shown below:



11. Export data

Click on the [Export] button to export the list information in the current status list box to an external file (.cvs format, which can be opened and edited with Excel).

File name of export data , the default is "current specific time (year, month, hour, minute, second).csv" For example: 20201211141322.csv

12. Detect and set IP

12.1. Detect IP

Click on the [IP Monitor] button, and then click the [Start] button to start the IP function of the mine detector. At this time, Whats Miner Tool will automatically detect the IP address reported by the mine.

IP reporting method: After starting the miner, press the [IPFOUND] button on the miner for several seconds, and wait for the indicator to flicker, indicating the completion of IP address reporting.

The interface to receive the reported IP is as follows:

· CRC - 比特微 Miner IP	Monitor		de Pools	Password	Permissions	Remote Ctrl	E	kport IP Monitor	Setting C
IP	Detect and	Bind IP	Before using the IP de	tection function, select 'Pri	vate Network' in Win	dows Defender F	Firewall or turn off the firew	vall!	×
192.168.2.235 192.168.2.81 192.168.2.83	Start	Stop Ski	p Clear De	lete Scan Rebind	Save	Export	Close		
192.168.2.22 192.168.2.236	ID	Source IP (SIP)	MAC Addr	Time	Dest IP (DIP)	Status			
192.168.2.98	1 2	192.168.2.188 192.168.2.98	cc:02:0e:00:6f:05 ca:01:14:00:04:eb	2023-09-11 15:11:58 2023-09-11 15:12:02	192.168.2.188 192.168.2.98				
	-								

After IP detection is completed, you can click on the [Save] button to save the current data, close the window and do not disappear, or the [Export] button to export the current mine IP list to the file.

12.2. Set Static IP

Setting the source IP of static IP can be selected from the detected IP or imported. Target IP can be imported or manually updated at the target IP in the lower left corner. After changing the target IP and the corresponding subnet mask, gateway, broadcast address, DNS, click on the [Set Static IP] button to configure. When the status shows "Success", the setup succeeds.

Note 1: before setting a static IP, make sure that the mask address, broadcast address, gateway address and DNS address are set correctly.

Note2: after successful setup, the miner will automatically restart and enable the newly set IP address.

art	Stop Skip	Clear De	elete Scan Rebind	Save Ex	port Close			
	Source IP (SIP)	MAC Addr	Time	Dest IP (DIP) Star	us			
	192.168.2.188 192.168.2.98	cc:02:0e:00:6f:05 ca:01:14:00:04:eb	2023-09-11 15:11:58 2023-09-11 15:12:02	192.168.2.188 192.168.2.98				
	Import SIP	SIP: 192.168.2.188	Update SIP	Netmask	255.255.255.0	Broadcast:	192.168.2.255	Set Static IP
	Import DIP	DIP: 192.168.2.188	Update DIP	Gateway	192.168.2.1	DNS:	223.5.5.5	Reboot Miners



13. Setting windows

13.1. Set window function

Click the "Settings" button, the tool pop-up box to display "Settings window", and you can set it according to your needs:

You can choose to log in to a different administrator account, and you need to enter the account password correctly before you can operate as an administrator.

You can also set "automatic monitoring interval", "miner scan timeout", "miner scan concurrency", "firmware upgrade concurrency", "miner IP suffix digits", and "list data display options". You can choose three options: simplified data items, complete data items, and customization. "turn on or off tool automatic updates" supports Chinese version and English version, as shown below:

Miner IP	Monitoring	Setting Dialog		×	ssion	Rem	ote Ctrl		Export	t IP M	onitor	Setting	Contact Us
IP	Status					UpTime	Elapsed	THS RT	THS Avg	Efficiency(W/T)	Power(W)	PowerLimitSet	Version Info
192.168.2.188	Running	Current Account:	super 💌			00:25	00:24	23.446	25.650	131.62	3376		H616-CB6V10-202308
192.168.2.235	Fault	121010200000000000000000000000000000000	10000			00s							H3-V8-20200809.2
192.168.2.81	WaitWork	Current Account Password:			-4	02:25	00s	0.000	0.000	0.00	0		H616-CB6V10-2023090
192.168.2.83	WaitWork				-4	3d 22:06	00s	0.000	0.000	0.00	0		H616-CB6V1-2023090
192.168.2.22	WaitWork	Monitor Intervals (s):	30		-5	05:53	00s	0.000	0.000	0	0		H6OS-CB4V10-202302
192.168.2.236	WaitWork				-3	01:08	00s	0.000	0.000	0.00	0		H6OS-CB4V10-202308
192.168.2.98	Running	Scan Timeout (ms):	1000			80:00	00:08	24.529	24.158	132.86	3259		H616-CB6V10-202309
		Scan Threads:	100										
		Upgrade Threads:	3										
		IP Suffix Count:	3										
		List Column Display Mode:	Compact Mode 💌										
		语言版本/Language:	English										
		Minimize To	Task Bar 💌										
		On Startup	Disable Monitor										
		Periodically Export Interval	No Export										
		Compact Mode	Close										
		Periodically Export Path											
		Tool Path	C:\Users\ADMINI~1\AppData										
		Save	Cancel										

13.2. Timed export data

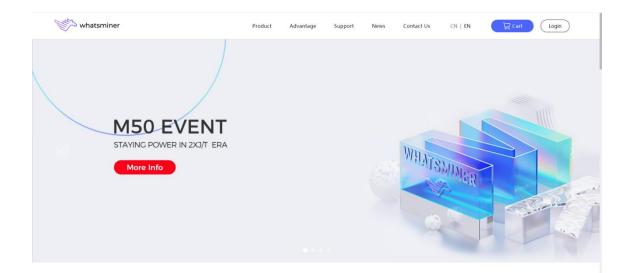
Click the "Settings" button tool pop-up box to display "Settings window", drop down "scheduled Export data interval" to select the export interval, then select the data "Export path", and finally click "Save".

	liner IP	Monitori	ing	Upgrade	Pools	Password Permission	s Remote Ct	.		Export	IP Monitor Setting Co	ontact Us
dOut	PowerSpd	PowerVln	Powerlin	PCB SN0	PCB SN1			d Hash Rate	Cgin Type	Performance	Account Permissoin	
140	6008	236.00	12.06	BDM1FP6FA01327			K SNK I LAOOF	A Hash Rate	× BTC	Normal(-10%)	super=255 user1=0 user2=0 user3=0	
090	6104	239.25	13.00	SAM1ESA4600930	SDM1ESA460110	Secting blaidy			BTC	Normal	super=255 user1=0 user2=0 user3=0	
680	6128	235.50	15.33	SAM1ESA4600B26					BTC	Normal	super=255 user1=0 user2=0 user3=0	
590	8640	238.25	15.25	Z3M1ESA4300429	Z3M1ESA430042	Current Account:	super	-	BTC	Normal	super=255 user1=0 user2=0 user3=0	
						Current Account Password:	****					
						Monitor Intervals (s):	30					
						Scan Timeout (ms):	1000					
					_		,					
						Scan Threads:	100					
						Upgrade Threads:	3					
						IP Suffix Count:	3	-				
						List Column Display Mode:	Complete Mode	-				
						语言版本/Language:	English	-				
						Minimize To	Task Bar	-				
						On Startup	Disable Monitor	-				
						Periodically Export Interval	1 min	-				
						Export Path	C:\Users\Think\Deskto	ip				
					-		,		J			
						Tool Path	C:\Users\Think\Deskto	p\Wh				
						Save	Cancel					
							U					
<						1						

After the operation is completed, the tool data file is saved to the corresponding export path according to the selected export interval.

14. Contact Us

You can go to Whatsminer machine official website to learn more about Whatsminer machine.



15. Others

If you encounter any problems in the use of the tool, please timely give feedback to us, your opinion is the driving motivation for us to move forward, thank you for using WhatsMiner mining machine. Contact information.

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