USER MANUAL FIRMWARE FOR ANTMINER S9, S9i, S9j with AsicBoost

Firmware upload and language selection:

1) Use the web interface of the original BITMAIN firmware, System - Upgrade - Flash new firmware image and select the file with the new firmware, click - keep settings (save pool, worker, password) and click FLASH IMAGE

| ystem Miner Configuration Miner Status | Network | |
|--|---|---|
| verview Administration Monitor Kernel Lo | og Upgrade Reboot | |
| ograde | | |
| Backup / Restore Click "Generate archive" to download a tar archive with squashfs images). | e of the current configuration files. To reset the firm | ware to its initial state, click "Perform reset" (only possible |
| Download backup: | Generate archive | |
| Reset to defaults: | Perform reset | |
| To restore configuration files, you can upload a pr | eviously generated backup archive here. | |
| Restore backup: | Choose File No file chosen | Upload archive |
| Flash new firmware image Upload a sysupgrade-compatible image here to re | splace the running firmware. Check "Keep settings" | to retain the current configuration. |
| Keep settings: | Z- CIICK | |

2) Next, write only the IP address of your ASIC in the browser (example 192.168.1.1) and if you see the original BITMAIN firmware, press CTRL+F5 and the cache will be updated.
3) Choose System - Regional settings -UI language and select your language RU-EN-CN-AR)

| | | | | | | | | | Cilling CTZ | 9 | top OGMiner | Restart O | SMiner 1 | Reboot |
|---|------|-----|----|-------------|------|--|--|--|-------------|---|-------------|-----------|----------|--------|
| System Miner Configuration Miner Status Network Monitoring Config multiplier Overview Administration Regional settings Monitor Kernel Log Upgrade Reboot | | | | | | | | | | | | | | |
| Regional settings | | | | | | | | | | | | | | |
| UI Language select your language | → EN | RIJ | CN | Submit R | | | | | | | | | | |
| L | | | | | | | | | | | | | | |

Overclocking and downvolt using the profile (auto mode for beginners)

1) Choose the Miner Configuration - General settings and check the settings of pools, workers and passwords

| n | | Reset PreSav |
|---------------------------------|--|--------------|
| ol 0 | eu-de01.miningrigrentals.com:3311 | |
| rker | | |
| sword | x | |
| ol 1 | / | |
| | stratum+tcp://eu1.btc.sigmapool.com:3333 | |
| ker check pools, workers | | |
| and passwords | Pool 1 password | |
| 12 | | |
| | nn.p2pool.site:9334 | |
| ker | | |
| word | x | |
| ditional settings | | |
| colve DevEes connection issues | use Resolve DEV FEE function if mining don't start | |
| esolve DevFee connection issuse | and you see in log window - DEV FEE ERROR | |
| | | |

2) Choose the Miner Configuration - Mining Profiles - Preset

Select overlocking or downvolt option from the menu. Use the Overclocking level according to your power supply. We recommend to overlock not more than **16 Th/s** with BITMAIN 1600 watt power supply and not more than **17 TH/s** with 1800 watt power supply.

| vstern Miner Configuration Miner Status Network Monitorion Con | fa multipliar | the set | tings | s save the settings |
|---|--|---------------------------------|-------|---|
| meral Settings Mining profiles Chain Freq Settings Chip Freq Settings | Chip auto tune | | | |
| ning Profiles Configuration | | | | Reset Clear log HB / HW PreSave |
| er: 1 / 8 44 < 50% 75 > 50% & < 85% 86 > 85% & < 120% <u>133</u> > | 120% | | | |
| Profile | | | | Use the Overclocking level according to your |
| Preset | Disabled | | 1 | power supply |
| Fan rpm check (For Immersion) | Ean check turned on | | - | disable fan control function (immersion cooling) |
| Downscale if HW more that: (0 - disabled) (First 2 hours) | | | 1 | frequency reduction if HW errors appear |
| Restart if hashrate lower: (0 - disable) | Disabled | Gu | - | Hechrote control function |
| Restart if chain have more X than: (0 - disabled) | | | - | relead the asia if you abin appear |
| Disable shalls at 0/0 keessature (40,120) | 0 | × | | teroau the asic if XXX chip appear |
| Disable chains at PCB temperature (40-120) | 85 | C | - | temperature control function |
| Manual Fan RPM config | 100 | 96 | | manual fan speed control function |
| AsicBoost | on 🔳 🗲 | | | enable Asic Boost |
| | The stability of each device is indiv | idual. | | |
| $ \begin{array}{c} {\rm Chah}\;85\;[{\rm Freg};\;22]\\ {\rm 00^{-11}}\;(0.1\!-0.0;\;10.0\!-1.00\;0.4\!-90\;\;0.5\!-1.02\;\;06\!-1.02\;\\ {\rm 00^{-11}}\;(0.1\!-0.0;\;11.0\!-1.05\;11.4\!-05\;\;12\!-1.00\;\;13\!-96\;\\ {\rm 00^{-11}}\;(0.1\!-0.0;\;11.0\!-0\;1.5\;11.4\!-0\;\;12\!-1.00\;\;13\!-1.01\;\\ {\rm 10^{-10}}\;(1.2\!-0.0\;;\;21\!-1.11\;;24\!-1.01\;;24\!-1.01\;;24\!-1.01\;;27\!-1.13\;\\ {\rm 10^{-10}}\;(2.2\!-0.0\;;\;23\!-1.11\;;24\!-1.01\;;24\!$ | - Chain # 5 (Free, 950) 00-107 01-108 02-110 03-108 04-103 05-108 05-10 07-112 06-112 00-113 (10-12) 11-113 12-109 31-09 14-120 15-109 15-09 17-105 18-111 11-112 20-11 21-109 22-113 23-103 24-106 25-103 25-113 27-10 28-113 20-119 30-105 31-107 32-103 31-103 34-10 35-103 36-106 37-117 38-107 39-107 34-105 43-10 42-103 43-106 43-101 43-108 43-10 43-113 30-94 51-106 32-113 33-108 54-10 43-113 30-94 51-106 32-113 33-108 54-10 43-113 30-94 51-106 32-113 33-108 54-10 43-113 30-94 51-106 32-113 33-108 54-10 45-10 43-113 30-94 51-106 32-113 33-108 54-101 53-10 56-113 75-102 38-105 35-108 50-106 61-106 61-106 82-10 56-113 75-102 38-105 35-108 50-106 61-106 62-10 56-113 57-102 38-105 35-100 50-106 61-106 62-10 56-113 57-102 38-105 50-100 50-106 61-106 62-10 56-113 57-102 38-105 50-100 50-106 61-106 62-10 56-113 57-102 38-105 50-100 50-106 51-105 50-100 52-100 50-106 51-105 50-100 52-100 50-1 | 0 9 7 3 8 3 2 | | Chain #7 [Freq 295] Chain #7 [Freq 295] Co-46 0: 1-164 62-02 00-107 04-108 05-99 06-104 O7-104 06-101 09-111 10-107 11-101 13-91 13-107 14-00 15-105 16-95 37-105 12-96 37-96 22-107 21-108 22-98 13-101 27-106 12-99 19-96 22-107 21-00 22-96 13-101 27-105 37-10 37-103 4-104 35-94 30-103 37-97 38-114 39-99 40-111 44-106 42-99 43-101 44-104 57-04 6-101 74-111 49-98 30-115 31-113 27-28 31-100 54-105 35-102 56-94 37-109 58-102 57-106 56-100 54-100 54-104 |
| Log | •••••••••••••••••••••••••••••••••••••• | | | |
| [Tue Feb 19 17:57:04 2018] Online [Mon Feb 18 21:43:34 2019] Online [Mon Feb 18 21:43:34 2019] Online [Mon Feb 18 21:36:19 2019] Online | log chip status (green is o | k) | | |

3) If you need to disable the fan control and remove the fans you must enable the Fan RPM check : fan check turn off (**only for immersion cooling**)

4) If you want to enable hashrate control function you need to set the value at which the firmware will reload the ASIC if the chains does not show the required hashrate, Restart if hashrate lower: 12 000 GH=12 TH/s during mining (example)

5)If you want to control the overheating of the device, set the maximum temperature at which the firmware will turn off the ASIC: Disable Chains at PCB at temperature: (0 = standard temperature-90C), you can manually set another value

6) Enable the ASIC BOOST function (to reduce consumption), Attention: your pool must support ASIC BOOST technogoly, otherwise mining will not start.

7) Click the Save button at the bottom or top of the firmware page.

8) Overclocking Program is set, ASIC can be set up to 30 minutes and will be reloaded during the setup process (this is normal)

9) If mining does not start and the logs have the info: DEV FEE ERROR you need to go to the Miner Configuration - General settings and use function: RESOLVE DevFee connection (this option **appears** after restarting of the ASIC at the beginning of mining)

| iner Stat | tus | u u | pdate time | r | | A | /erage | hash | irate | | | | | | | | | | | | |
|------------|-------------|----------------------------|---------------|-------------|-----------|---------|------------|-----------|---------|----------|----------|----------|--------|-----------------|-------------|------------|--------------|-----------------|---------|--------|------|
| Summary | (Timer: 8 / | 15) | | | | | | | | | | | | | | | | | | | |
| | Elapsed | | GH/S(RT) | GH | /S(avg) | | Found | Blocks | | | LocalW | ork | | Utility | | WL | 6 | | Bes | tShare | |
| | 21h56m2s | | 19,926.28 | 11 | ,907.45 | | | 0 | | | 5,812,5 | 193 | | 14.87 | | 277,79 | 8,48 | | 547 | 698977 | |
| Pools | - | ol change h | utton | | | | | | | | | | | | | | | | | | |
| Pool | pu | URL URL | atton | | User | | Status | Type | Diff | GetWorks | Priority | Accepted | Diff1# | DiffA# | DiffR# | Diffs# | Rejected | Discarded | Stale | LSDiff | LST |
| | stratum+1 | tcp://eu-de01.miningrigren | tals.com:3311 | | | | Alive | AsicBoost | 65.5K | 4041 | 0 | 5.666 | 0 | 358,219,776 | 229.376 | 0 | 12 | 83.915 | 0 | 65.536 | 0:00 |
| | stratur | m+tcp://eu1.btc.sigmapool | l.com:3333 | | | | Alive | AsicBoost | 65.5K | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | st | ratum+tcp://nn.p2pool.site | e:9334 | | | | Alive | AsicBoost | 8.19K | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | DevFee | | | DevFee | | Alive | AsicBoost | 512 | 2810 | 993 | 6,912 | 0 | 3,561,984 | 0 | 0 | 0 | 17 | 0 | 512 | 0:28 |
| 4 | | DevFee | | | DevFee | | Alive | AsicBoost | 512 | 2810 | 994 | 6,994 | 0 | 3,580,928 | 0 | 0 | 0 | 1 | 0 | 512 | 0:12 |
| Total | | idea | I chain fre | auency | | | l altra la | | | 9679 | | 19,572 | 0 | 365,362,688 | 229,376 | 0 | 12 | 83,933 | 0 | | |
| HW | | 234 1464 | | quency | | actual | cnair | Treq | uenc | ;y | | | 0 | 0.0001% | | | | | | | |
| AntMiner | | | N | | | / | | | | | | | | | | | | | | | |
| Chain# | ASIC# | Frequency(avg) | Voltage | GH/S(ideal) | GH/S(RT) | Status | Errors(HW | Ter | np(PCB) | Tempi | (Chip) | | | | | ASIC sta | tus | | | | |
| 5 | 63 | 917.84 | 9.4 | 6,591.93 | 6,510.38 | Healthy | 79 | | 64 | 8 | 5 | | 000 | 000000 0000000 | 00000000 00 | 0000000 00 | 00000 00000 | 00000000 000000 | 0000000 | | |
| 6 | 63 | 960.71 | 9.4 619 | 6,899.85 | 6,864.82 | Healthy | 68 | | 64 | 8 | 3 | | 000 | 000000 00000000 | 00000000 00 | 0000000 00 | 00000 00000 | 00000000 000000 | 0000000 | | |
| 7 | 63 | 914.68 | 9.4 | 6,569.25 | 6,576.10 | Healthy | 73 | | 59 | 7 | 7 | | 000 | 000000 0000000 | 00000000 00 | 0000000 00 | 000000 00000 | 00000000 000000 | 0000000 | | |
| Total | 189 | 931.07 | A 100 | 20,061.03 | 19,951.30 | | 234 | | | | | | | | | | | | | | |
| Fan# | | Fan1 | Fan | 2 | Fan3 | | | Fan4 | | | Fan5 | | | Fan6 | | | Fan7 | | | Fan8 | |
| Sneed (r/n | (nin) | voltar | e change | button | 0 | | | 0 | | | 6840 | | | 4200 | | | 0 | | | 0 | |

Overclocking and downvolt (manual mode)

1) Choose the Miner Configuration - General settings and check the settings of pools, workers and passwords.

2) make Sure that the Miner Configuration - MININGS PROFILES - PRESET - SET DISABLE (otherwise, the manual mode will be blocked)



3) Choose the Miner Configuration-Chain Freq Settings

| m Miner Configuration Miner Status Network Monitoring Co | nîg multiplier. pi | re-save the settings | save the settings | |
|--|--------------------|----------------------|-------------------------------------|-------------|
| al Settings Mining profiles Chain Freq Settings Chip Freq Settings | Chip auto tune | | | |
| Configuration | | | | Reset PreSe |
| bal Settings | | dicabl | o fan control function (immorcio | |
| rpm check | Fan check turned | on UISADI | e fair control function (infinersio | n cooning) |
| art if hashrate lower: (0 - disable) | 0 | GH - Hashr | ate control function | |
| art if chain have more X than: (0 - disabled) | 0 | × ← reload | the asic if xxx chip appear | |
| ual Fan RPM config | 100 | 🧠 🦡 🛶 manua | al fan speed control function | |
| ble chains at PCB temperature (40-120) | 85 | c 🔶 tempe | rature control function | |
| Boost | | enable | e Asic Boost | |
| hains | | | | |
| ct Frequency | 900M | ▼] | — Frequency to all chains | |
| ct Voltage | 9.5V | • | voltage to all chains | |
| in #5 | | | | |
| ct Frequency | 925M | * | | |
| t Voltage | 9.5V | | | |
| in #6 | | | < | |
| ct Frequency | 950M | • | you can set frequency | and |
| ct Voltage | 9.5V | • | voltage to each chain | |
| in #7 | | | Individually | |
| t Frequency | 925M | | | |
| ct Voltage | 9.5V | • | | |
| | | | | |
| | | | | |

- activate the hashrate control function (reload the Asic in the case of falling hash rate): Restart if Hashrate Lower : 12000 GH=12 TH/s (example)

- activate the temperature control function (ASIC will shutdown in case of too high temperature Disable chains at PCB temperature: (0 = standard temperature - 90s), you can set manually different temperature for the chains

- Enable the ASIC BOOST function (reducing the consumption), Attention your pool must support ASIC BOOST technogoly, otherwise mining will not start.

- Set frequency and voltage to all chains for overclocking or downvolt Asic (ALL CHAINS), also you can set different frequency and voltage to each chain

- Press the PRESAVE button located at the bottom and top of the firmware page

4) Next, choose the CHIP AUTO TUNE and turn on :

| eral Settings Mining profiles Chain Freq Settings Chip Freq Settings C | ip auto tune | |
|--|---|------------------------|
| er Configuration | | Reset Clear log PreSav |
| Downscale RED chip (Stage 1, auto restart) | Disabled 1 | |
| Downscale RED, ORANGE chip (Stage 2. auto restart) | Disabled 2 | |
| Downscale if HW more that: (0 - disabled) (First 2 hours) | Disabled 🔶 🥎 | |
| Timer RED, ORANGE chip (Stape 3. auto restart) | Disabled 4 | |
| HR from ideal (73% recommended. Used for stage 2) | 75% 5 | |
| Mininum Freq | 650M ← 6 | |
| Downscale step (2 recommanded) | 2 7 | |
| Check after (2 min accommended) | 1 min | |
| Read this free and dear les (| | |
| reset only ned and clean log (set al only to good ned) | NO | |
| [Tue Feb 19 17:57:04 2019] Online | 1 - frequency reduction for red ching | |
| [Mon Feb 18 21:43:34 2019] Online | r - requiredy reduction for red onlys | |
| [Mon Feb 18 21:40:40 2019] Online | 2 - frequency reduction for red orange chips | |
| [Mon Feb 18 21:36:19 2019] Online | 2 nequicely reduction for red, stange ships | |
| [Mon Feb 18 21:33:02 2019] Online | 3 - frequency reduction if HW errors will appear | |
| [Mon Feb 18 21:28:00 2019] Online | o nequicoy reduction in the energy appear | |
| [Mon Feb 18 21:23:26 2019] Online | 4 - timer for checking red orange chips | |
| [Mon Peb 18 21:15:52 2019] Online | 4 liner for encouning real, orange emps | |
| [Mon Feb 18 21:09:28 2019] Online | 5 - set ideal bashrate % for stage 2 | |
| [Mon Feb 18 21:01:25 2019] Online | 5 - Set Ideal Masmate 70 101 stage 2 | |
| (Mon Feb 18 20:57:47 2019) Online | 6 - minimal frequency reduction | |
| [Mon Feb 18 20:54:18 2019] Online | e minina nequileey reaction | |
| [Mon Feb 18 20:50:50 2019] Online | 7 - minimal step frequnecy | |
| [Mon Feb 18 20:44:00 2019] Online | | |
| [Mon Feb 18 20:37:12 2019] Online | 8 - set the time when checking will start | |
| [Mon Feb 18 19:30:25 2019] Online | A second for an end of the base of the second | and the factor |
| [No. 5-b 10 10:02:20 2010] Orling | W - recet trequency on all chains to the stock and cla | ar the log |

- Downscale red CHIP (stage 1) - enable

- Downscale red, orange Chip (stage 2) enable
- Timer Red, Orange-12 Hr
- Minimal frequency 400
- 5) Click the SAVE button located at the bottom and top of the page

6) The overclocking Program is set, the ASIC can be set up to 30 minutes and will restart during the setup process (this is normal)

7) You can check the status of the chips in the Miner Configuration - chip Freq Settings If the AUTO TUNE function is enabled the firmware automatically will tune each chip in the automatic mode and will not be stoped until all the chips will be in the green zone. (the frequency of the red and orange chips will drop)

If you set up the timer (in hours) for stage 3 (AUTO TUNE option) the firmware will check for the appearance of red or orange chips and will drop the frequency until they become green.

Also, you have possibility to change the frequency of each chip manually.

Manual settings allow you to drop the frequency of all the red, orange chips or manually increase the frquency of the green chips to get maximum efficiency from each Asic.

| System Hiner Configuration Hiner Status Network Monitoring Config multiplier | |
|---|--|
| General Settings Mining profiles Chain Freq Settings Chip Freq Settings Chip auto tune | |
| Chip Configuration 1 2 3 4 5 6 | Load profile Save profile All to 0 Reset HB / HW PreSave Save |
| Timer: 6 / 8 44 < 50% 75 > 50% & < 87% 86 85% & 120% 133 120% | |
| Chain #5 [Freq: 925 @ 📼 9.4V 🚓] (Alto 0) (red 1) 0 (press-1) 0 (press-1) 0 | 1 - Управление вольтажем |
| 00=850M 95 01=950M 105 02=950M 106 03=950M 108 04=950M 99 05=920M 106 06=950M 109 07=950M 103 | 2 - сбросить все изменения по частотам на данной плате на исходную |
| 08-800H 88 09-950H 113 10-923H 111 11-873H 102 12-950H 112 13-825H 93 14-950H 111 15-781H 90 16-950H 104 17-950H 103 18-950H 104 19-950H 110 20-875H 91 21-950H 110 22-793H 88 23-950H 107 | |
| 24=950M 103 25=950M 103 26=950M 99 27=950M 103 28=900M 104 29=950M 104 30=950M 111 31=925M 108 | |
| 32-9258 105 33-950M 110 34-900M 102 35-950M 104 36-950M 111 37-950M 106 38-900M 98 39-950M 93 | 3 - понижение частоты всех красных чипов на плате на 1 шаг |
| 40#950M 102 41#950M 112 42#000M 91 43#950M 110 44#950M 109 45#950M 112 46#000M 96 4/#950M 107 48=850M 96 49=950M 108 50=950M 108 51=950M 111 52=950M 111 53=850M 88 54=900M 106 55=900M 99 | 4 - понижение частоты всех оранжевых чипов на плате на 1 шаг |
| 56=900M 106 57=825M 94 58=950M 104 59=950M 106 60=950M 103 61=950M 105 62=825M 89 | 5 - повышение частоты всех зеленых чилов на плате на 1 шаг |
| - Chain #6 [Freq: 950 @ 9.4V] (Alto 0) (red -1) 0 (pren+1) 0 | |
| 00=975H 107 01=975H 109 02=975H 110 03=975H 109 04=975H 112 05=950H 112 05=950H 102 07=975H 115 | 6 -ручная установка частоты на каждом чипе |
| 16-8509 96 17-975H 113 18-950M 101 19-975M 114 20-975M 107 21-975M 108 22-975M 110 23-975M 112 | 7 -сохранения профиля с вашими настройками |
| 24= 975H 109 25= 925H 105 26= 975H 109 27= 975H 112 28= 975H 118 29= 975H 111 30= 975H 111 31= 975H 115 | 8 - загрузка ранее сохранненого профиля |
| 32-975M 106 33-975M 103 34-955M 109 35-925M 112 36-900M 107 37-975M 103 38-975M 110 39-975M 114 | |
| 40-9759 10 42-9759 10 42-9759 10 42-9759 11 12 4-9759 11 42-9759 11 42-9759 10 42-9759 10 42-9759 11 15 5-9509 11 11 | 9 - сбросить все изменения по частотам на всех платах на исходную |
| 56=975H 109 57=975H 94 58=975H 110 59=975H 107 60=975H 113 61=975H 102 62=925H 106 | частоту |
| Chain #7 [Freq: 925 @ = 9.4V ==] (Alto D) (red=1 0 (orcen+1 0 | 10 - сбросить все настройки на исходные |
| 00-925M 101 01-950M 111 02-925M 109 03-950M 97 04-950M 102 05-850M 91 06-900M 99 07-900M 108 | 11 - Нажмите итобы посмотреть количество НW ошибок на каждом |
| 16=850M 95 17=950M 110 18=950M 100 19=850M 98 20=950M 107 21=950M 109 22=850M 99 23=950M 111 | |
| 24- <u>950H</u> 105 25- <u>850H</u> 103 26- <u>950H</u> 116 27- <u>950H</u> 108 28- <u>900H</u> 101 29- <u>950H</u> 108 30- <u>950H</u> 110 31- <u>925H</u> 114 | |
| 32-925M 109 33-950M 110 34-950M 104 35-825M 95 36-950M 106 37-800M 86 38-950M 107 39-875M 95 | 12 - предсохранение изменении |
| 48=950M 115 49=825M 93 50=950M 106 51=950M 108 52=850M 95 53=875M 98 54=950M 107 55=950M 109 | 13 - сохранение изменений 8 7 9 10 11 12 13 |
| 56-825M 100 57-950M 104 58-925M 98 59-950M 99 60-900M 102 61-900M 93 62-850M 96 | |
| | |
| | Load profile Save profile All to 0 Reset <u>HB</u> / HW PreSave Save |

We recommend using the following settings for 1600 watt power supply : Frequency: 750, Voltage: 9.0, avg speed: 16.1 Th/s

We recommend using the following settings for 1800 watt power supply : Frequency: 800 Volt 9.0, avg speed: 17 Th/s

NOTE: You can use lower voltage modes for better energy saving but some ASIC`s will give much lower hashrate than must be and can be not stable, if this happened you need to raise the voltage of this asics

Downvolt modes:

 Frequency: 750, Voltage: 8.8, speed 16.1 Th/s-1450 watt
 (93 watt - Th/s)

 Frequency: 700, Voltage: 8.6, speed 15 Th/s-1300 watt
 (86 watt - Th/s)

 Frequency: 631, Voltage: 8.4, speed 13.5 Th/s-1050 watt
 (78 watt - Th/s)

 Frequency: 550, Voltage: 8.3, speed 11.8 Th/s-880 watt
 (75 watt - Th/s)

The power consumption in fact may be different and depends on the quality of the Asic and power supply

Upload the firmware, create CONFIG (overclocking and downvolt settings), create workers on the unlimited quantity of ASICS in one network

1) Download the BTC TOOL program (https://url.btc.com/btc-toolsdownload?_ga=2.39099043.1874240382.1550499030-903294307.1550403289)

| BTC Tools v1.2.0 | | | | | | | | | | | | | | | - 0 | 9 > |
|------------------|------------------|-------------------|---------------|-----------------|--------------|-------------|-------------------------------|-------------------------------------|--------------------------|-------------|---------------|-----------|---------------------|------------|----------|------|
| D P Ranges: | + | - Auto Import | Only Success | Miners Scan | Monitor | Config All | Config Selected Reboot A | Reboot Selected Firmware | Upgrade Export 1 | iettings | | | | | | |
| 0 0 fb er 192 1 | 68.140.0.,255 | | | | | | 100% - Scanning complete, | al 152, success 152 | 1 | | | | | | | |
| П Култейнер: 1 | 2.168.141.0~255 | | Pool 1: us. | ss.btc.com:1800 | Sub-acc | ount: | | PWD: 123 | Vigrker Postfix: O | IP No Ch | ange O Empty | | | | | |
| | | | Pool 2: us.: | ss.btc.com:443 | sub-acc | ount: | | PWD: 123 | Worky Postfix: O | IP No Ch | ange O Empty | | | | | |
| | | | Pool 3: US.1 | ss.btc.com:25 | Subject | ount: | | PWD: 123 | Worker Postfix: O | IP (No Ch | ange 🔿 Empty | | | | | |
| · · · · · | <hr/> | | | | | | | | | | | | | | | _ |
| 1P | Status | | Hash Rate RT | Hash Rate avg | Temperature | Fan Speed | | Pool 1 | Worker | ICK | | | ADE Pool 3 | Worker | Firmware | s |
| 192.168.140.9 | success | Antminer S9 (v | 15005.07 GH/s | 15035.90 GH/s | 62/58/6/ | 4680 / 5040 | 2010h 21m 435 | btc.viabtc.com:3333 | karpar.009 | stratum.ant | pool.com:3333 | akar.009 | btc.viabtc.com:3333 | karpar.009 | 20190216 | bmm |
| 192.168.140.10 | success | Antminer S9 (v | 15011.80 GH/s | 15044.27 GH/s | 68 / 55 / 56 | 5040 / 4080 | 3d 4h 25m 40s | btc.viabtc.com:3333 | karpar.010 | stratum.ant | pool.com:3333 | akar.010 | btc.viabtc.com:3333 | karpar.010 | 20190216 | bmm |
| 192.168.140.11 | success | Antminer S9 (v | 15039.95 GH/s | 15056.54 GH/s | 68 / 52 / 65 | 4680 / 3840 | 2d 16h 21m 48s | btc:viabtc.com:3333 | karpar.011 | stratum.ant | pool.com:3333 | akar.011 | btc.viabtc.com:3333 | karpar.011 | 20190216 | bmm |
| 192.168.140.12 | success | Antminer S9 (v | 15009.35 GH/s | 15043.77 GH/s | 68/51/64 | 4680 / 3960 | 3d 3h 41m 4s | btc.viabtc.com:3333 | karpar.012 | stratum.ant | pool.com:3333 | akar.012 | btc.viabtc.com:3333 | karpar.012 | 20190216 | bmn |
| 192.168.140.13 | success | Antminer S9 (v | 15186.10 GH/s | 15062.14 GH/s | 68 / 59 / 65 | 4920 / 4200 | 2d 16h 21m 47s | btc.viabtc.com:3333 | karpar.013 | stratum.ant | pool.com:3333 | akar.013 | btc.viabtc.com:3333 | karpar.013 | 20190216 | bmn |
| 192.168.140.14 | success | Antminer S9 (v | 15054.95 GH/s | 15070.68 GH/s | 65/67/64 | 2400 / 4320 | 1d 7h 8m 12s | btc.viabtc.com:3333 | karpar.014 | stratum.ant | pool.com:3333 | akar.014 | btc.viabtc.com:3333 | karpar.014 | 20190216 | bmn |
| 192.168.140.15 | success | Antminer S9 (v | 15108.49 GH/s | 15070.43 GH/s | 67/64/64 | 3480 / 5640 | 3d dh 25m 39s | htcviabtc.com/3333 | karnar.015 | stratumant | pool.com:3333 | akar.015 | btc.viabtc.com:3333 | karpar.015 | 20190216 | bmm |
| 192.168.140.16 | success | Antminer S9 (v. | 15028.01 GH/4 | 15058.42 GH/s | 67 / 58 / 57 | 5160 / 456 | 🚾 Firmware Upgrade | | | × | pool.com:3333 | akar.016 | btc.viabtc.com:3333 | karpar.016 | 20190216 | bma |
| 192,168,140,17 | ELECT SUCCESS | Antminer 59 (v | 15029.16 GH/s | 15069.02 GH/s | 64/67 | 4500 / 340 | Miner Model: Antminer 59 | (vnish 3.7.5) * | | | ool.com:3333 | akar.017 | btc.viabtc.com:3333 | karpar.017 | 20190216 | bma |
| 192,168,140,18 | IT TO U | Antroiner 59 IV- | 15045.35 GH/s | 15051.73 GH/s | 64/64/68 | 4080 / 576 | Firmware: C:/Users/us | er/Desktop/Antminer-S9-xilinx-vnisl | h-3.7.5- tar.gz . 💌 | + - | topl.com:3333 | akar.018 | btc.viabtc.com/3333 | karpar,018 | 20190216 | bma |
| 192,168,140,19 | success | Antminer S9 (v | 15066.98 GH/s | 15060.44 GH/s | 62/67/66 | 2640 / 468 | Selected Antminer 59 (vnish 3 | .7.5): 1 | attoor I borada Calastad | Increde All | topl.com:3333 | akar.019 | htc.viabtc.com/3333 | karpar.019 | 20190216 | bma |
| 192,168,140,20 | success | Antminer S9 (v | 15000.42 GH/s | 15028.76 GH/s | 65/68/69 | 3240 / 552 | All Antminer 59 (vnish 3.7. | 5): 85 | | | 100 cem:3333 | akar.020 | htexiable.com/3333 | karnar.020 | 20190216 | hma |
| 192 168 140 21 | success | Antroiner SQ (v | 15000.07 GH/s | 15091.78 GH/s | 65/61/18 | 5520 / 4800 | 21h 18m 49s | htryighte.com/3333 | karnar (121 | stratum and | nool com 3 se | akar 021 | hteviahte.com/3333 | karnar.021 | 20190216 | hma |
| 103 169 140 33 | | Antonia or SD for | 15110.07.04/4 | 15070 74 GH/4 | 415716 | 5760 / 4900 | 2.4.4b 25m 20r | hteruishte en 2222 | larear (02) | desture and | anal cam.2222 | abur 022 | hts vishts com 2222 | karpar 022 | 20100316 | - |
| 19211001140122 | soccess | Antonine 35 (v | | | DECENE | 1007 4000 | 24.45 25m 355 | bic visbic com 2333 | karparizez | stratuman | poor.com.2222 | akal 1022 | btc.viabtc.com/2022 | karpenozz | 20190210 | have |
| 192.100.140.25 | success | Anonio a too | CECUP | CIMINANA | | 420074500 | 30 4H 25m 405 | otc.viaoty.com:5555 | karparites | scracoman | poercemissos | 7 - CLICK | | karpenozo | 20190210 | omn |
| 192.168.140.24 | success | Antminer 59 (v | 15059/82 GH/s | 13069.60 GH/S | 68/62/00 | 5160 / 3640 | 3d 4h 25m 395 | 6 - click keep | settings (to | stratum.ant | pool.com:ssss | 7-BLICK | | karpar.024 | 20190216 | omn |
| 192.168.140.25 | success | Antminer 59 (v | 15098.30 GH/s | 15058.42 GH/s | 68/5//65 | 4560 / 4200 | 3d 4h 25m 40s | save pools, v | vorkers, | stratum.ant | pool.com:5555 | ANDCON | - How btc.com:3555 | karpar.025 | 20190216 | bmn |
| 192.168.140.26 | success | Antminer 59 (v | 15056.38 GH/s | 15058.46 GH/s | 65/60/68 | 5040 / 4680 | 3d 4h 25m 39s | passwords) | karpar.026 | stratum.ant | pool.com:3333 | akar.026 | btc.viabtc.com:3333 | karpar.026 | 20190216 | bmn |
| 192.168.140.27 | success | Antminer S9 (v | 15161.54 GH/s | 15063.60 GH/s | 64/61/68 | 4440 / 4440 | 3d 4h 25m 32s | btc.viabtc.com:3333 | karpar.027 | stratum.ant | pool.com:3333 | akar.027 | btc.viabtc.com:3333 | karpar.027 | 20190216 | bmn |
| 192.168.140.28 | success | Antminer S9 (v | 14984.44 GH/s | 14980.73 GH/s | 66 / 61 / 67 | 4200 / 4440 | 3d 4h 25m 40s | btc.viabtc.com:3333 | karpar.028 | stratum.ant | pool.com:3333 | akar.028 | btc.viabtc.com:3333 | karpar.028 | 20190216 | bmn |
| 192.168.140.29 | success | Antminer S9 (v | 15080.03 GH/s | 15063.42 GH/s | 61 / 66 / 67 | 2760 / 4800 | 2d 16h 21m 47s | btc.viabtc.com:3333 | karpar.029 | stratum.ant | pool.com:3333 | akar.029 | btc.viabtc.com:3333 | karpar.029 | 20190216 | bmm |
| 192.168.140.30 | success | Antminer S9 (v | 15050.99 GH/s | 15087.00 GH/s | 59 / 62 / 68 | 4920 / 5520 | 5h 24m 25s | btc.viabtc.com:3333 | karpar.030 | stratum.ant | pool.com:3333 | akar.030 | btc.viabtc.com:3333 | karpar.030 | 20190216 | bmn |
| 192.168.140.31 | success | Antminer S9 (v | 14934.32 GH/s | 15054.55 GH/s | 68/64/66 | 5400 / 4920 | 2d 16h 21m 42s | btc.viabtc.com:3333 | karpar.031 | stratum.ant | pool.com:3333 | akar.031 | btc.viabtc.com:3333 | karpar.031 | 20190216 | bmn |
| 192.168.140.32 | success | Antminer S9 (v | 15047.13 GH/s | 15076.97 GH/s | 65 / 68 / 68 | 2760 / 4920 | 3d 4h 25m 20s | btc.viabtc.com:3333 | karpar.032 | stratum.ant | pool.com:3333 | akar.032 | btc.viabtc.com:3333 | karpar.032 | 20190216 | bmn |
| 192.168.140.33 | success | Antminer S9 (v | 15066.19 GH/s | 15065.00 GH/s | 67/68/68 | 2880 / 5040 | 1d 1h 1m 43s | btc.viabtc.com:3333 | karpar.033 | stratum.ant | pool.com:3333 | akar.033 | btc.viabtc.com:3333 | karpar.033 | 20190216 | bmm |
| 192.168.140.34 | success | Antminer S9 (v | 15052.84 GH/s | 15029.62 GH/s | 68 / 66 / 67 | 3000 / 4320 | 2d 7h 56m 41s | btc.viabtc.com:3333 | karpar.034 | stratum.ant | pool.com:3333 | akar.034 | btc.viabtc.com:3333 | karpar.034 | 20190216 | bmn |
| | | | | | | | | | | | | | | | | > |

2) Use the BTC TOOL and set the IP range of the ASICS

3) Use the UPGRADE function and select the file with the firmware , click keep SETTINGS (to save the POOL settings , workers and passwords), select Antminer S9, S9i , S9j and confirm the upload of the firmware.

4) After the firmware is uploaded use the web interface of any ASIC with new firmware and choose CONFIG MULTIPLIER-CONFIG

| Miner Lonriguration Miner Status Network Monitoring Config multiplier | | | |
|---|---|-----------------|---|
| multiplier | | | |
| 1 - click dont change if you don't | | | |
| want to change pools or write the | | | |
| new pools (pool 0, pool 1, pool 2) | eu-de01.miningrigrentals.com:3311 | Dont dy | nge — 1 |
| | | Dont ch | enge Add HoutName Add IP W + HoutName W + IP -2 |
| word | x | Dont dy | nor |
| 2 - click dont change if you don't | | | |
| want to chnage the workers or use | stratum+tcp://eu1.btc.sigmapool.com:3333 | Dont ch | inge |
| the function hostname, ip, | | Dont dv | ange Add HostName Add IP W + HostName W + 19 |
| worker+hostname, worker + ip for | Pool 1 password | Dont ch | ange |
| 2 creating individual worker for each | | | |
| asic | nn.p2pool.site:9334 | Dont dv | inge |
| cer | | Dont di | ange Add HostName Add IP W + HostName W + IP |
| word 3 - click dont change if you don't | × | Dont dv | inge |
| want to change password or write | | | Set the ready profile (auto mode) |
| the new password | Disabled | | dischle the fer central function (anhu improie |
| rpm check (For Immersion) | Fan check turned on | | disable the fan control function (only imersio |
| art if hashrate lower: (0 - disable) | 0 | GH | cooling |
| art if chain have more X than: (0 - disabled) | ٥ | x | hashrate control function |
| ble chains at PCB temperature (40-120) | 85 | c + | — temperature control function (0 = 90) |
| aal Fan RPM config | 100 IO | | anable Asia basat |
| Soost | • | | enable Asic boost |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! | → IF PRESET IS ENABLED, ALL SETTINGS ◊ | S BELOW ARE IG | IOREDI |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! | → IF PRESET IS ENABLED, ALL SETTING | S BELOW ARE IG | Frequency to all chains |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext frequency ext Votage | → IF PRESET IS ENABLED, ALL SETTINGS 200M 8.6V | S BELOW ARE IGI | Frequency to all chains |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext Prevency ext Voltage | → IF PRESET IS ENABLED, ALL SETTINGS 200H 8.6V | S BELOW ARE IGI | Frequency to all chains voltage to all chains |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext Prequency ext Votage all #5 ext Prequency | → IF PRESET IS ENABLED, ALL SETTING: | S BELOW ARE IGI | Frequency to all chains voltage to all chains |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext Prevency ext Voltage | → IF PRESET IS ENABLED, ALL SETTING: | S BELOW ARE IGI | Frequency to all chains voltage to all chains |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext Prevency ext Voltage all #5 ext Prevency ext Voltage | → IF PRESET IS ENABLED, ALL SETTING | S BELOW ARE IGI | Frequency to all chains voltage to all chains |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext frequency ext Voltage all #5 ext Frequency ext Voltage | F PRESET IS ENABLED, ALL SETTING: | s below are igi | Frequency to all chains voltage to all chains you can set frequency and |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ect Vravency ect Voltage all #5 ect Frauency ect Voltage all #6 ect Frauency ect Voltage | F PRESET IS ENABLED, ALL SETTING: | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext frequency ext voltage all #5 ext frequency ext voltage all #6 ext frequency ext voltage | ► IF PRESET IS ENABLED, ALL SETTING: 200M 8.6V Use Global Use Global Use Global Use Global Use Global | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! let frequency let frequency | ► IF PRESET IS ENABLED, ALL SETTING: 700H 8.6V Use Global Use Global Use Global Use Global | s below are ign | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ket frequency ket frequency ket frequency ket frequency ket frequency ket frequency ket frequency ket frequency ket frequency ket frequency | F PRESET IS ENABLED, ALL SETTING: | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ect Vrequency ect Voltage all #5 ect Frequency ect Voltage alls #6 ect Frequency ect Voltage alls #7 ect Voltage | ► IF PRESET IS ENABLED, ALL SETTING: 700H 8.6V Use Global | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext Prequency ext Votage all #5 ext Prequency ext Votage all #6 ext Frequency ext Votage all #7 ext Frequency ext Votage | ► IF PRESET IS ENABLED, ALL SETTING: 700H 8.6V Use Global | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually |
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| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext Prequency ext Voltage alls #5 ext Prequency ext Voltage alls #7 ext Voltage ext Voltage alls #7 ext Voltage ip sate tare ext prequency ext Voltage | F PRESET IS ENABLED, ALL SETTING: | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ect Voltage et Voltage et frequency ect Voltage | ► IF PRESET IS ENABLED, ALL SETTING: 700H 8.6V Use Global Enabled Enabled Enabled | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually frequnecy reduction for red chips frequency reduction for red, orange chips |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! let frequency let Voltage all #5 let frequency let Voltage all #6 let frequency let Voltage all #7 let frequency let Voltage all #7 let frequency let Voltage all #6 let frequency let Voltage all #6 let frequency let Voltage all #6 let frequency let Voltage all #7 let frequency let Voltage all #6 let Frequency let Voltage all #6 all #6 let Frequency let Voltage all #6 let Frequency all #6 let Frequency all #6 all #6 | ► IF PRESET IS ENABLED, ALL SETTING: 700M 8.6V Use Global Enabled Enabled Enabled Image: State | S BELOW ARE IGI | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually frequnecy reduction for red chips frequency reduction for red chips timer for checking red,orange chips |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ket frequency ket Votage all #5 ket frequency ket Votage all #6 ket frequency ket Votage all #7 requency ket Votage all #7 mitcak RED,0RACCC dbg (tage 1, and restor) mitcak RED,0RACCC dbg (tage 3, and restor) her RED,0RACCC dbg (tage 3, and restor) her RED,0RACCC dbg (tage 3, and restor) | ► IF PRESET IS ENABLED, ALL SETTING: 2008 8.60 Use Global Enabled Enabled Traibed 3.167 75% | | Frequency reduction for red chips frequency reduction for red chips frequency reduction for red chips set ideal hashrate % for stage 2 |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ket Prequency ket Votage all #5 ket Prequency ket Votage all #6 ket Frequency ket Votage all #7 ket Votage ket Prequency ket Preq | ► IF PRESET IS ENABLED, ALL SETTING: 700H 8.6V Use Global Enabled Enabled String 25% 400H | S BELOW ARE IGI | Frequency to all chains voltage to all chains voltage to all chains you can set frequency and voltage to each chain individually frequnecy reduction for red chips frequnecy reduction for red,orange chips timer for checking red,orange chips set ideal hashrate % for stage 2 minimal frequecy reduction |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! ext Frequency ext Voltage all #5 ext Frequency ext Voltage all #6 ext Frequency ext Voltage all #7 ext Frequency ext Freq | ► IF PRESET IS ENABLED, ALL SETTING: 700H 8.6V Use Global Global Use Global Use Gl | | Frequency to all chains voltage to all chains you can set frequency and voltage to each chain individually frequnecy reduction for red chips frequnecy reduction for red,orange chips set ideal hashrate % for stage 2 minimal frequnecy reduction minimal step frequecy reduction |
| If the preset is enable (auto mode) all settings from the manual mode are ingnored! let Prevency let Votage all #5 let Prevency let Votage all #6 et Prevency let Votage all #7 et Frevency let Votage anscie RED. (blog (legs 1. and mater) frem Kells (12% meanmended) let All (2% | ► IF PRESET IS ENABLED, ALL SETTING 2004 8.6V Use Global Use | | Frequency to all chains voltage to all chains voltage to all chains you can set frequency and voltage to each chain individually frequnecy reduction for red chips frequecy reduction for red,orange chips set ideal hashrate % for stage 2 minimal step frequecy reduction set the time when checking will start |

Create the config :

- if you don`t want to change the current pool, worker and password click : DON'T CHANGE , Skip will appear in the fields

- if you want to change the current POOL write the new POOLS in the field-0,1,2

- if you want to set all ASICS to different workers, you can select the ADD function (host name,

IP, worker + host name, worker + IP) and all ASICS will get different workers

5) Set up the overlocking or downvolt settings using PROFILE (automatic mode) or in manual mode (ALL CHAINS)

6)Turn on the hashrate control function (reload the Asic in the case of falling hash rate) and the overheating control function (disable chains at PCB temperature)

7) turn on the ASIC BOOST function

8) turn on AUTO TUNE CHIP :

- Downscale red CHIP (stage 1) enable
- Downscale red, orange Chip (stage 2) enable
- Timer Red, Orange-set parameter in hours (for example 3 hours)
- 9) Click APPLY and specify the name of the CONFIG and click SAVE

10) Choose CONFIG MULTIPLIER - UPLOAD

| Owners Hostname Caston FW Config upload Re 19 Version antifierar 194 0K |
|--|
| P Version Hostname Castom FW Config uppland Ref 92.108.1.125 Antimier 59 (versiol 3.7.5) antimier 49 version version |
| 92.148.1.157 Antminer 99 (vmish 3.7.5) antthere yes OK OK 92.148.1.157 Antminer 99 (vmish 3.7.5) antthere yes OK OK OK 22.148.1.154 Antminer 99 (vmish 3.7.5) 46403 yes OK |
| 92.145.1.155 Antminer 59 (vrish 3.7.5) ant/Merer yes OK OR 92.145.1.154 Antminer 59 (vrish 3.7.5) 646927 yes OK OK 92.145.1.154 Antminer 59 (vrish 3.7.5) 646927 yes OK OK 92.145.1.151 Antminer 59 (vrish 3.7.5) 645927 yes OK OK 92.145.1.151 Antminer 59 (vrish 3.7.5) 64597 yes OK OK 92.145.1.151 Antminer 59 (vrish 3.7.5) 64597 yes OK OK 92.145.1.149 Antminer 59 (vrish 3.7.5) 64597 yes OK OK 92.145.1.149 Antminer 59 (vrish 3.7.5) 64516 yes OK OK |
| 92.163.1.154 Antminer 59 (vrish 3.7.5) 946037 yes OK OH 92.163.1.152 Antminer 59 (vrish 3.7.5) 84683 yes OK OH |
| 92.146.1.129 Antminer 99 (vnish 3.7.5) 94683 yes OK OR 92.146.1.151 Antminer 99 (vnish 3.7.5) 845997 yes OK OK 92.146.1.150 Antminer 99 (vnish 3.7.5) 84210 yes OK OK 92.146.1.150 Antminer 99 (vnish 3.7.5) 84218 yes OK OK 92.146.1.149 Antminer 99 (vnish 3.7.5) 845976 yes OK OK 92.146.1.149 Antminer 99 (vnish 3.7.5) 845016 yes OK OK |
| 92.163.1.151 Antminer 59 (vrish 3.7.5) s45997 yes OK OK 92.163.1.150 Antminer 59 (vrish 3.7.5) s46218 yes OK OK 92.163.1.149 Antminer 59 (vrish 3.7.5) s46976 yes OK OK 92.163.1.149 Antminer 59 (vrish 3.7.5) s46976 yes OK OK |
| Attminer 59 (vrish 3.7.5) s44218 yes OK OK 92.168.1.149 Antminer 59 (vrish 3.7.5) s45976 yes OK OK 22.158.1.149 Antminer 59 (vrish 3.7.5) s64076 yes OK OK |
| 22.145.1.149 Antimier 99 (visib 3.7.5) \$45976 yes OK OK 0K 22.159.1.149 Antimier 99 (visib 3.7.5) \$46036 yes OK OK 0K |
| 92.168.1.148 Antminer 59 (vnish 3.7.5) \$46016 yes QK QK |
| |
| 22.169.1.147 Antminer 59 (vrish 3.7.5) antMiner yes OK OK |
| Click to upload the config |
| Click to upload the config |

- Set the IP RANGE range of the ASIC with new firware
- if the ASIC password is standard use the ROOT password, if not use other password
- select the config you saved earlier and click APPLY at the bottom of the page.

All Antminer S9, S9i, S9j in the selected IP range will receive the settings from the saved CONFIG.

All other ASIC models in this IP range will not be affected