

# MOI Pro-AMD

## Get Started Guide V1.0.0.1

MOI Pro-AMD has 2 LAN ports, it gets the IP address via DHCP by default, and it will display tuner information, time, and IP address etc on LCD. All those information are not shown on LCD at the same time, so you need to use arrow keys to see the information you need:



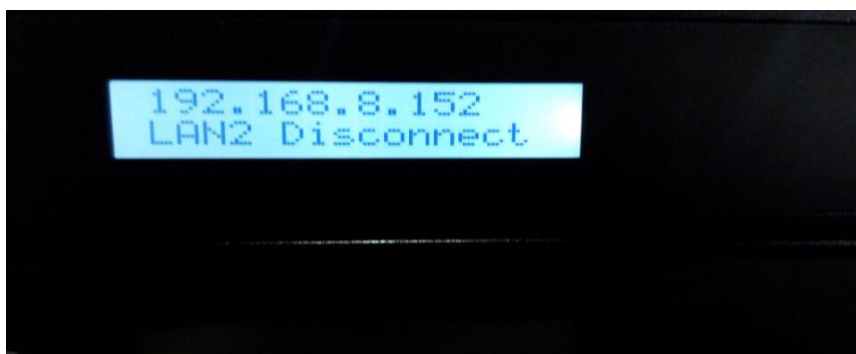
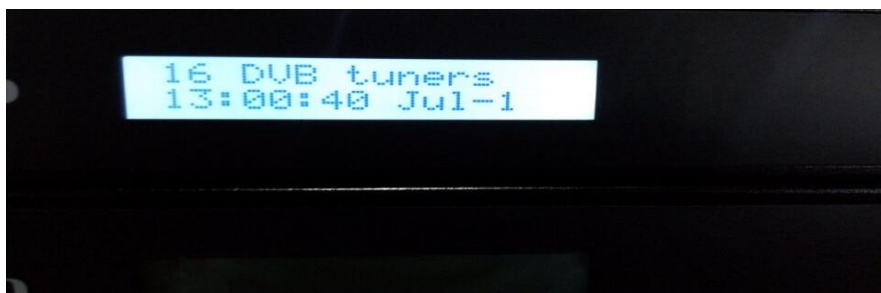
You can use arrow keys to scroll the information shown on LCD

UP key: scroll up for one line  
Down key: scroll down for one line  
Left key: scroll up for two lines  
Right key: scroll down for two lines

You will see information on LCD shown as below picture after MOI Pro-AMD is powered up



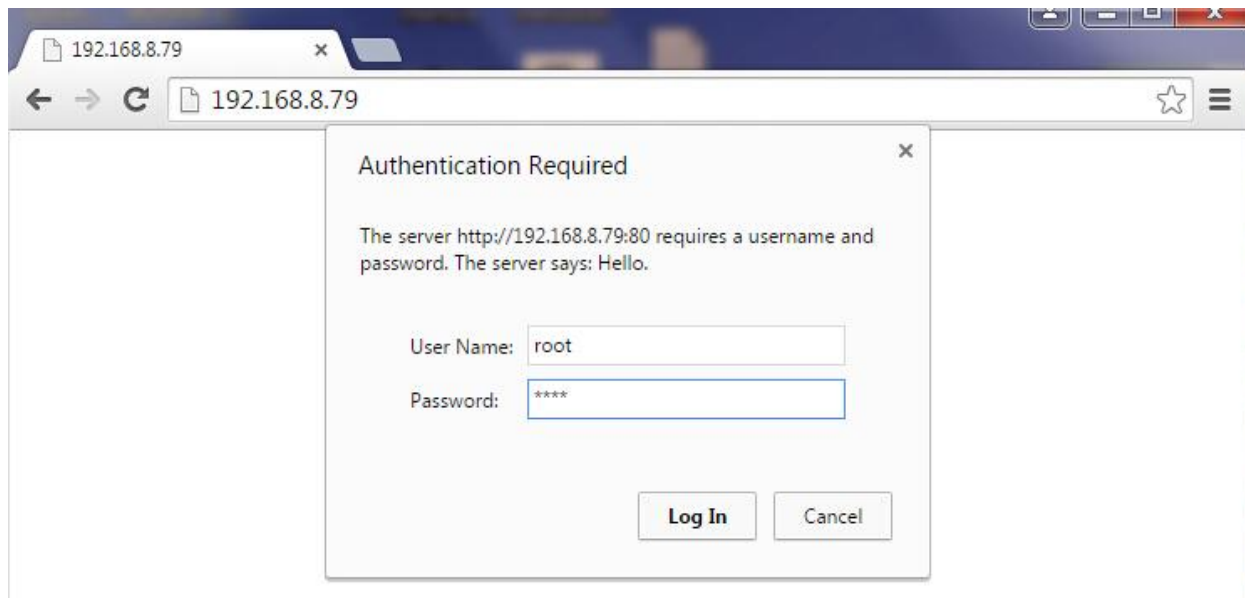
By using arrow keys, you can scroll other information shown like below pictures



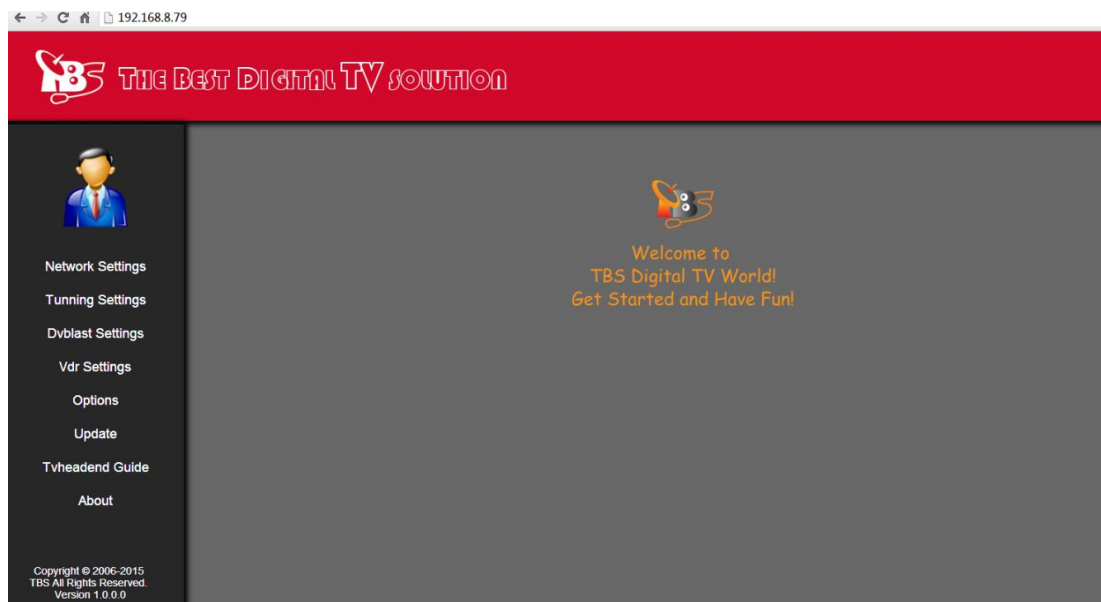
**Notes:**

- 1) With LAN1 connected only, you will see "LAN1: xxx.xxx.x.xx LAN2: Disconnect" shown on LCD
- 2) With LAN2 connected only, you will see "LAN1: Disconnect LAN2: xxx.xxx.x.xx" shown on LCD
- 3) With LAN1 and LAN2 connected at the same time, you will see "LAN1: xxx.xxx.x.xx LAN2: xxx.xxx.x.xx" shown on LCD.

Open the browser and enter the IP address displayed on the LCD, you can enter LAN1 IP address or LAN2 IP address in browser, let's take 192.168.8.79 for example, enter 192.168.8.79 in browser and then you will see log-in window. Use "root" as user name and password to log in.

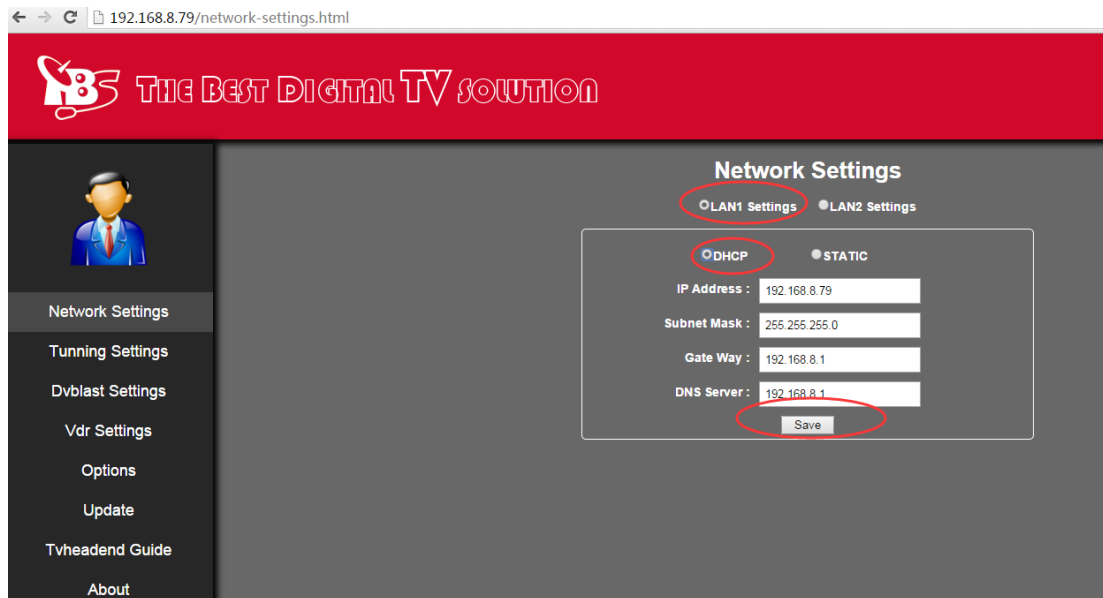


After log in, you will see the homepage as below:

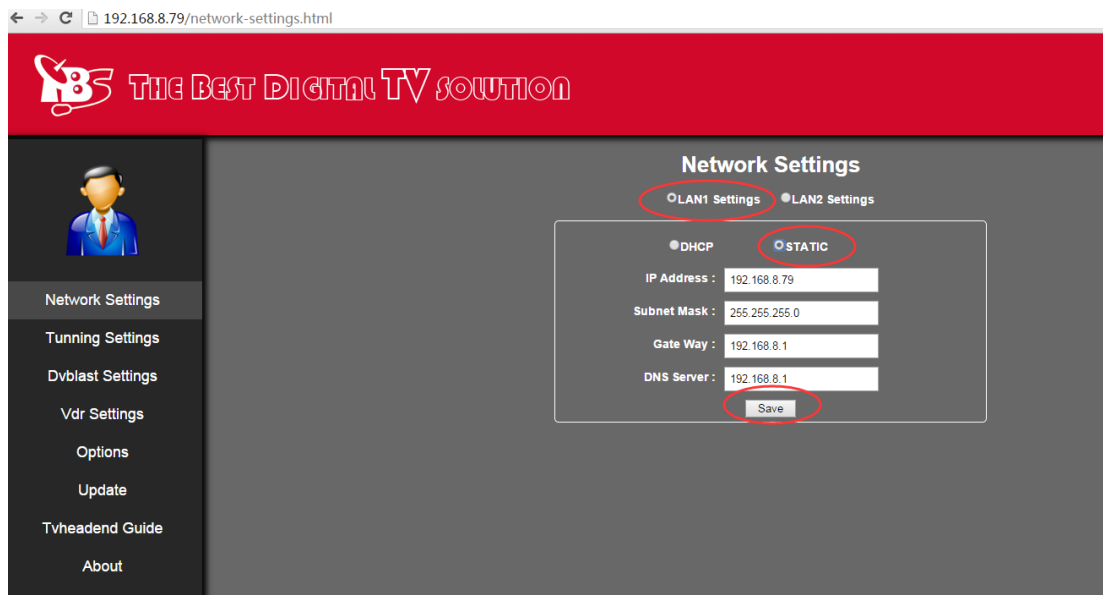


### Network Settings:

Click "LAN1 Settings", select "DHCP", and then click "Save", then MOI Pro-AMD will receive a dynamic IP address from the Ethernet server. Please check below picture for your reference:

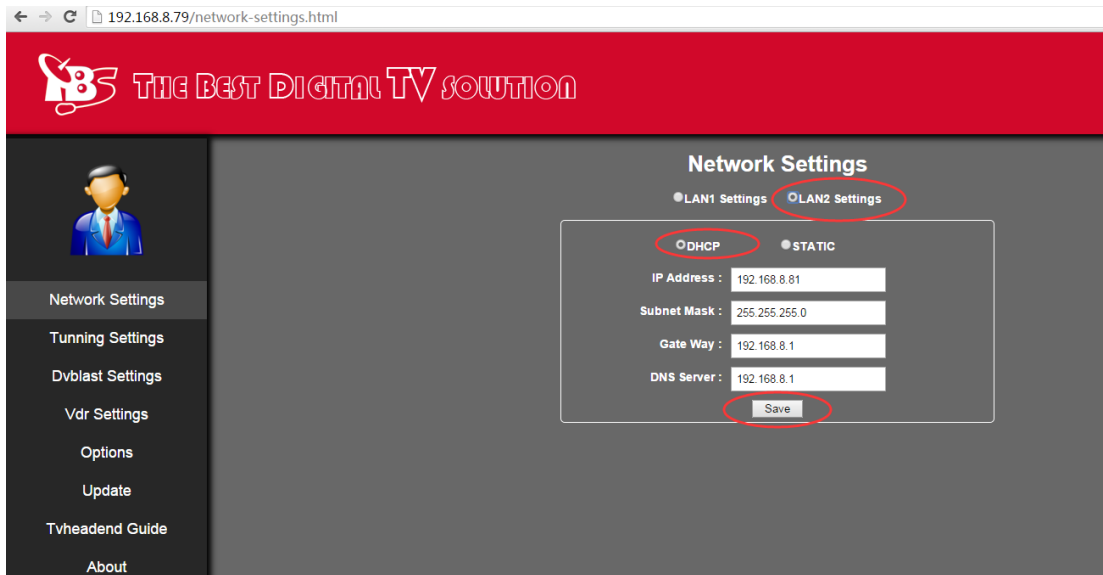


You can also set "DHCP" to "STATIC" by selecting "STATIC", and then enter data for IP Address, Subnet Mask, Gate Way and DNS Server, then click "Save", and then "STATIC" will be set successfully. Please check below picture for your reference:

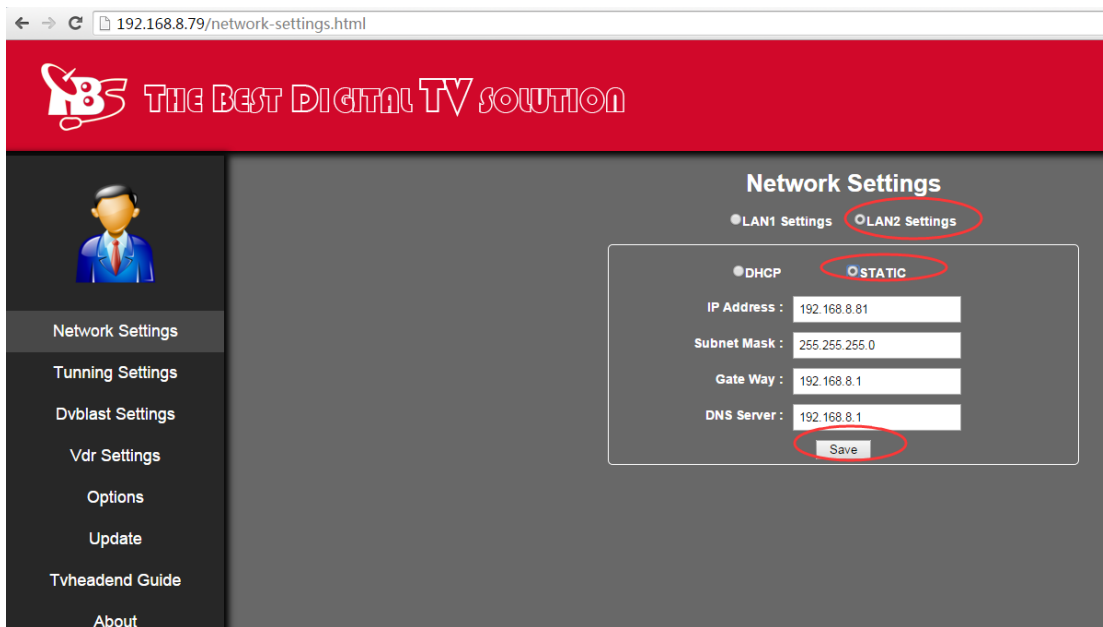


Click "LAN2 Settings", select "DHCP", and then click "Save", then MOI Pro-AMD will receive a

dynamic IP address from the Ethernet server. Please check below picture for your reference:



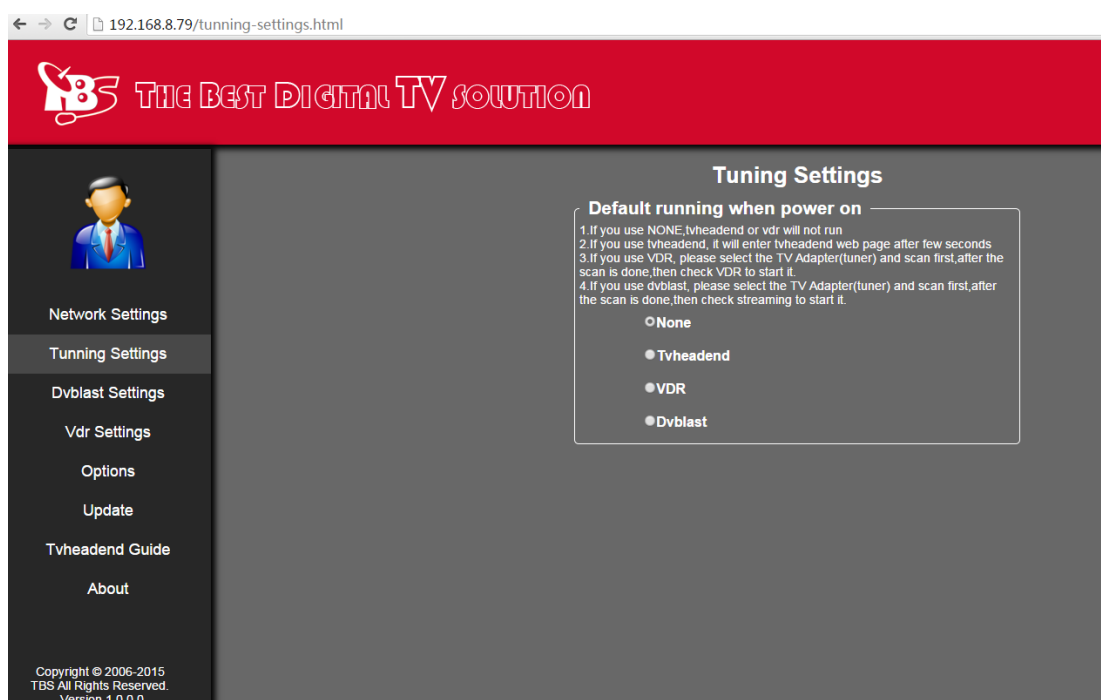
You can also set "DHCP" to "STATIC", the method is the same with "LAN1 Settings". Please check below picture for your reference:



### Tuning Settings:

Auto start when power on:

1. If you use None, Tvheadend, VDR and Dvblast will not run
2. If you use Tvheadend, it will enter Tvheadend web page after a few seconds
3. If you use VDR, please select the TV Adapter (tuner) and scan first, after the scan is done, check VDR to start it.
4. If you use Dvblast, please select the TV Adapter (tuner) and scan first, after the scan is done, check streaming to start it.



### Dvblast settings:

Select "TBS 6904 DVBS/S2 adapter 0", and configure all the parameters like below picture (similarly, you can click "adapter 1, adapter 2, adapter3..."):



**Tuners**

- TBS 6904 DVBS/S2 adapter0
- TBS 6904 DVBS/S2 adapter1
- TBS 6904 DVBS/S2 adapter2
- TBS 6904 DVBS/S2 adapter3
- TBS 6904 DVBS/S2 adapter4
- TBS 6904 DVBS/S2 adapter5
- TBS 6904 DVBS/S2 adapter6
- TBS 6904 DVBS/S2 adapter7
- TBS 6904 DVBS/S2 adapter8
- TBS 6904 DVBS/S2 adapter9
- TBS 6904 DVBS/S2 adapter10
- TBS 6904 DVBS/S2 adapter11
- TBS 6904 DVBS/S2 adapter12
- TBS 6904 DVBS/S2 adapter13
- TBS 6904 DVBS/S2 adapter14
- TBS 6904 DVBS/S2 adapter15

Frequency(KHz): 10988000  
Symbol Rate(Sym/s): 41250000  
Polarisation: V  
Delivery System: DVBS  
Constellation: QPSK  
FEC: 1/2  
Switch Port: 1

Program List	OutputAddress	OutputPort	IP
CCTV 4	239.255.0.1	1234	auto
CCTV NEWS	239.255.0.2	1234	auto
CCTV OPERA	239.255.0.3	1234	auto
BEIJING	239.255.0.4	1234	auto
SHANGHAI	239.255.0.5	1234	auto
JIANGSU	239.255.0.6	1234	auto
HUNAN	239.255.0.7	1234	auto
FUJIAN	239.255.0.8	1234	auto
XIAMEN	239.255.0.9	1234	auto
GUANGDONG	239.255.0.10	1234	auto
SHENZHEN	239.255.0.11	1234	auto

Streaming&Save

Scan Channels

By clicking "Scan Channels" and waiting about 10 seconds if scan success, you will see a channel list. Under drop-down menu of IP, there have 3 options: auto, 192.168.8.79, and 192.168.8.80, you can choose one from those 3 options:

- 1) Choose "auto" means it will stream to 192.168.8.79 (LAN1) or 192.168.8.80 (LAN2) at random
- 2) Choose 192.168.8.79 means it will stream from LAN1
- 3) Choose 192.168.8.80 means it will stream from LAN2

You can select UDP as your own preference, take program CCTV 4 for example, if you check UDP, then the stream coming out is UDP, and the address is `udp://@239.255.0.1:1234`, and if you uncheck UDP, then the stream coming out is RTP, so the address now is `rtp://239.255.0.1:1234`.

**Notes: If you need to stream and save the programs, you need to check "Enable", and then check "Streaming&Save", and then the selected programs will be streamed and saved.**



Program List	OutputAddress	OutputPort	IP	UDP	Enable
CCTV 4	239.255.0.1	1234	auto	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CCTV NEWS	239.255.0.2	1234	192.168.8.152	<input type="checkbox"/>	<input type="checkbox"/>
CCTV OPERA	239.255.0.3	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
BEIJING	239.255.0.4	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
SHANGHAI	239.255.0.5	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
JIANGSU	239.255.0.6	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
HUNAN	239.255.0.7	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
FUJIAN	239.255.0.8	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
XIAMEN	239.255.0.9	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
GUANGDONG	239.255.0.10	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>
SHENZHEN	239.255.0.11	1234	auto	<input type="checkbox"/>	<input type="checkbox"/>

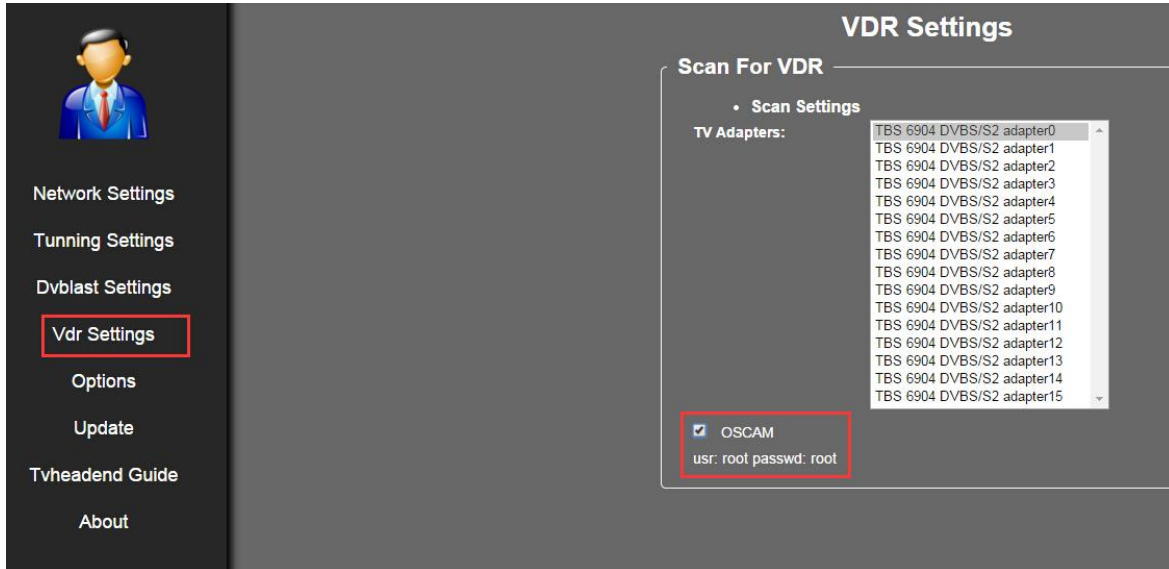
Streaming&Save

### VDR Settings:

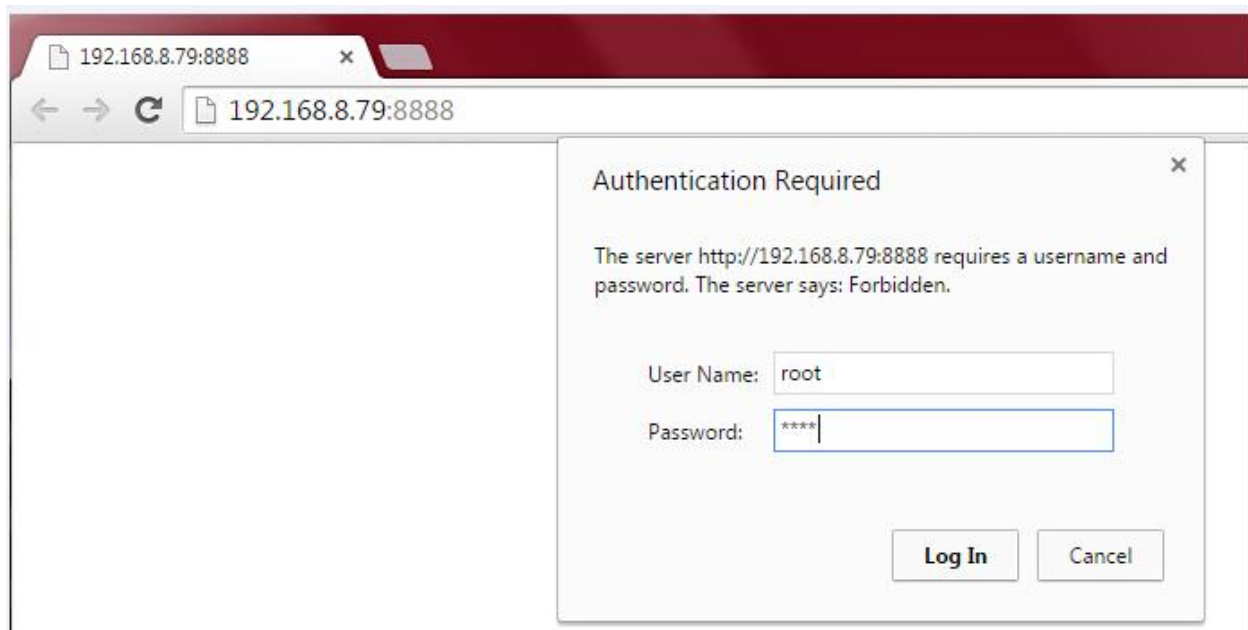
#### 1) OSCAM Settings

Select "OSCAM" then it will enter the web page of OSCAM.





Use “root” as user name and password to log in:



Then you will be directed to the OSCAM page as below:



Hide/Reset	Reader/User	AU	Address	Port	Protocol	CAID:SRVID	Current Channel	LB Value/Reader	Online & Idle*	Status
Server 2/2										
	root	OFF	127.0.0.1	0	server	0000:0000			00:03:55 00:03:55	OK
	root	OFF	127.0.0.1	0	http	0000:0000			00:03:55 00:00:00	OK
Readers 1/1 (0 of 1 CARDOK)										
	reader1	ON	127.0.0.1	0	mouse	0000:0000		no data	00:03:55 00:03:55	READER DEVICE ERR: (no error/events)
Clients 0/1										

## 2) Scan for VDR

You can see a drop-down menu shows 12 options from "TBS 6904 DVBS/S2 adapter 0" to "TBS 6904 DVBS/S2 adapter 11" (Tips: Here we use three TBS6904 card for test, if you use our other TBS cards, it will show different options)

The screenshot shows the 'VDR Settings' window. On the left is a sidebar with menu items: Network Settings, Tuning Settings, Dvblast Settings, Vdr Settings (highlighted with a red box), Options, Update, Tvheadend Guide, and About. The main area is titled 'VDR Settings' and contains a 'Scan For VDR' section. Under 'Scan Settings', there is a 'TV Adapters:' label followed by a dropdown menu. The dropdown menu is open, showing a list of 15 options: 'TBS 6904 DVBS/S2 adapter0' through 'TBS 6904 DVBS/S2 adapter15'. The first option, 'TBS 6904 DVBS/S2 adapter0', is highlighted with a red box. Below the dropdown, there is a checkbox for 'OSCAM' which is checked, and the text 'usr: root passwd: root'.

Choose one option and do "DiSEqC settings" and "Scan settings" as following:



## Scan For VDR

### DiSEqC Settings

e.g.Low Band:9750(MHz) High Band:10600(MHz) Switch Band:11700(MHz)

e.g.Switch Port: 1-16 nodiseqc :1

Satellite:

LNB Type:

Low Band(MHz):

High Band(MHz):

Switch Band(MHz):

Switch Port:

DiSEqC Version:

DiSEqC Repeats:



**Scan Settings**

e.g.Frequency:12538000(kHz) Symbol Rate:41250000(Sym/s)  
e.g.AutoScan:Scan all the frequencies of the satellite selected above

AutoScan

Frequency(kHz):

Symbol Rate(Sym/s):

Polarisation:

Delivery System:

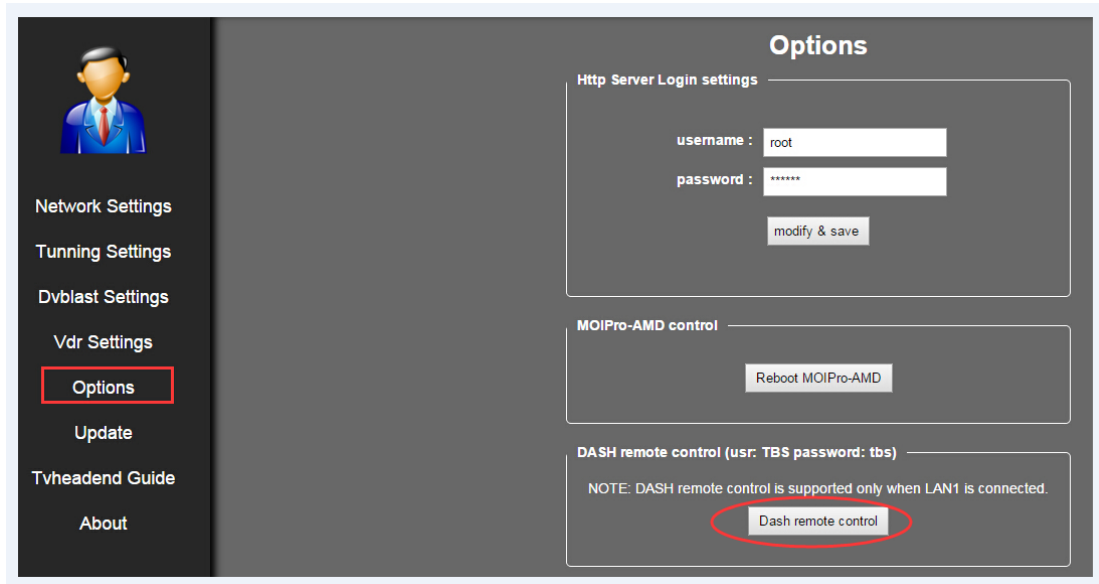
Constellation:

FEC:

After configuration, click “Set DiSEqC” and “Scan Channels” to continue.

**Options:**

You can modify user name & password, reboot MOI Pro-AMD, and dash remote control under this section. For DASH remote control, please kindly be noted that DASH remote control is supported only when LAN1 is connected.

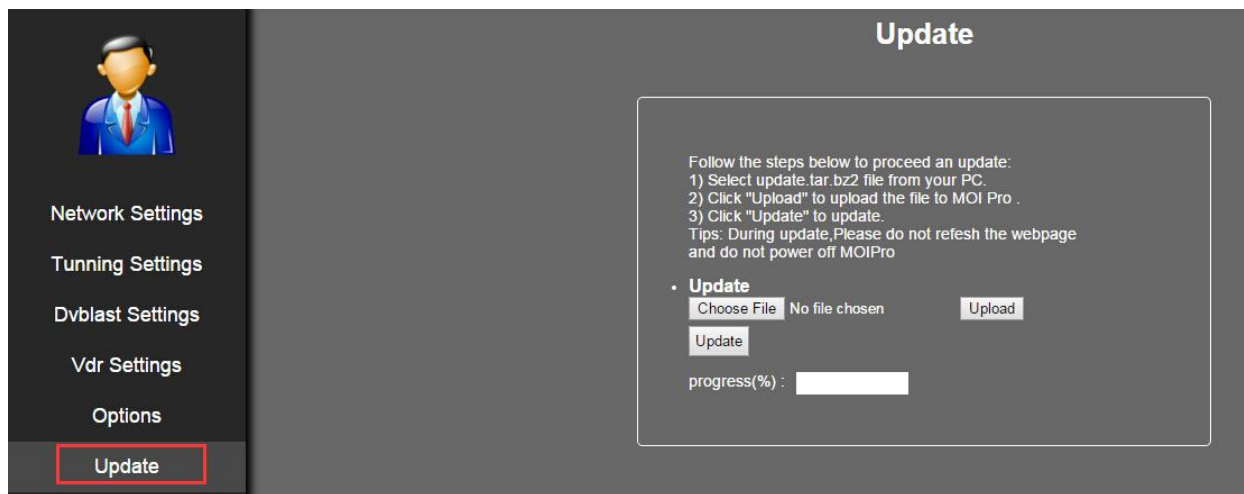


Click "Dash remote control", enter "admin" as user name and "admin" as password to log in a page shown as below. By clicking "Remote Control" on the left side, you can reset, power up, and power off MOI Pro-AMD remotely:



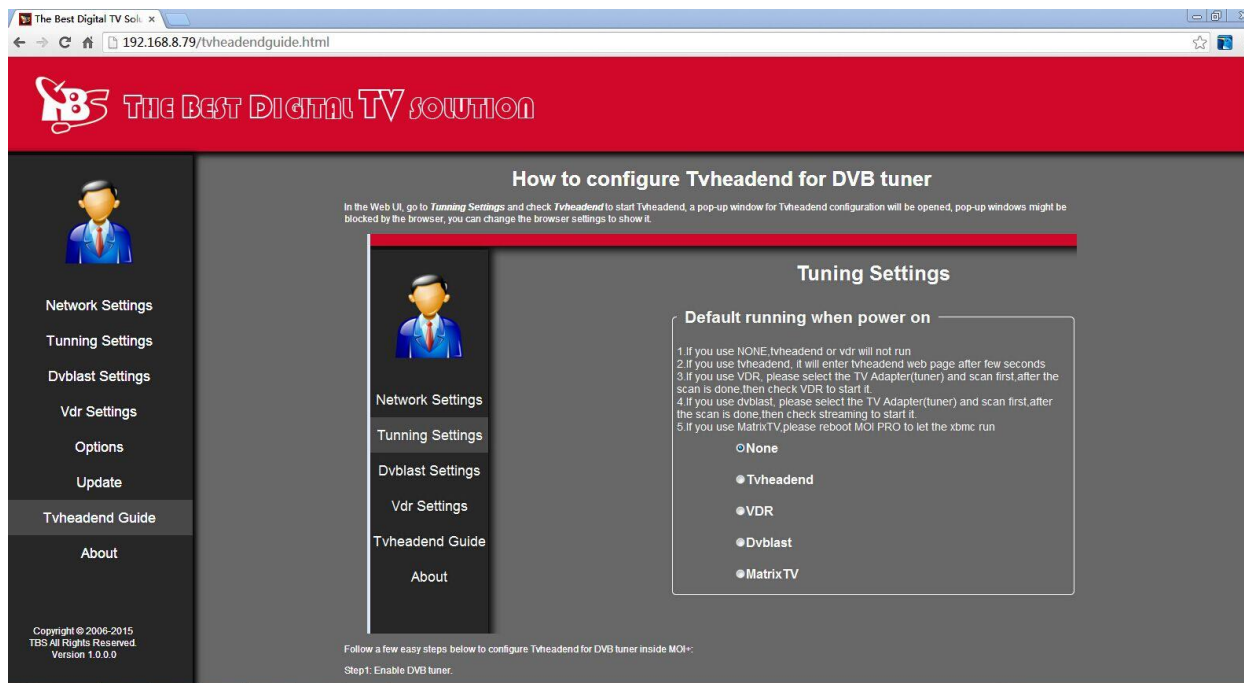
Update:

- 1) Select file “update.tar.bz2” from your PC .
- 2) Click Upload button to upload “update.tar.bz2” to MOI Pro-AMD
- 3) Click Update button



### Tvheadend Guide:

This is a page show you how to configure Tvheadend for DVB tuner



**About:**

This shows the version information about MOI Pro-AMD

