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



TBS MOIPRO-AMD! Version V1.0.0.0	

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

	16 DVB tuners 13:00:40 Jul-1	
•		
	192.168.8.152	
	LAN2 Disconnect	

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.x 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.

Authentication	Required ×	
The server http://1 password. The ser	92.168.8.79:80 requires a username and ver says: Hello.	
User Name:	root	
Password:	****	

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

← → C ⋒ 🗋 192.168.8.79	
	EFF DICHTAL TV SOUTHOA
	Welcome to
Network Settings	TBS Digital TV World!
Tunning Settings	Get Started and Have Fun!
Dvblast Settings	
Vdr Settings	
Options	
Update	
Tvheadend Guide	
About	
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**Network Settings:** 

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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:

← → C 🗋 192.168.8.79/ne	etwork-settings.html		
	BEST DI CITAL IV SOLUTIO	Ω	
<b>(</b>		OLAN1 Settings OLAN2 Settings	
		IP Address : 192.168.8.79	
Network Settings		Subnet Mask : 255.255.255.0	
Tunning Settings		Gate Way : 192.168.8.1	
Dvblast Settings		DNS Server : 192.168.8.1	
Vdr Settings		Save	
Options			
Update			
Tvheadend Guide			
About			

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:

← → C 🗋 192.168.8.79/ne	ietwork-settings.html	
Tild E	BAST DICITAL TV SOUTION	
	Network Settings	
	OLAN1 Settings	
	OFTATIC	
	IP Address : 192.168.8.79	
Network Settings	Subnet Mask : 255.255.0	
Tunning Settings	Gate Way : 192.168.8.1	
Dvblast Settings	DNS Server : 192 168 8 1	
Vdr Settings	Save	
Options		
Update		
Tvheadend Guide		
About		

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:

← → C 192.168.8.79/network-settings.html				
TIG E	CAST DIATAL TV SOUTION			
	Network Settings			
	LAN1 Settings OLAN2 Settings			
	ODHCP ® STATIC			
	IP Address : 192.168.8.81			
Network Settings	Subnet Mask : 255.255.25.0			
Tunning Settings	Gate Way : 192.168.8.1			
Dvblast Settings	DNS Server : 192.168.8.1			
Vdr Settings	Save			
Options				
Update				
Tvheadend Guide				
About				

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

← → C 🗋 192.168.8.79/ne	twork-settings.html			
FIG E	er Diemi IV soumo	ם ו		
		Net	ettings OLAN2 Settings	
		OHCP	OSTATIC	
Network Settings		IP Address :	192.168.8.81	
		Subnet Mask :	255.255.255.0	
Tunning Settings		Gate Way :	192.168.8.1	
Dvblast Settings		DNS Server :	192.168.8.1	
Vdr Settings			Save	
Options				
Update				
Tvheadend Guide				
About				

**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.

← → C 🗋 192.168.8.79/tunning-settings.html

THE BEST DICITAL TV SOUTION				
Network Settings	Default running when power on     1. If you use NONE,tyheadend or vdr will not run     1. You use VONE,tyheadend or vdr will not run     2. If you use VDNE, please select the TV Adapter(fumer) and scan first, after the scan is done, then check vDR to start it.     4. If you use dyblast, please select the TV Adapter(fumer) and scan first, after the scan is done, then check streaming to start it.     • None			
Tunning Settings	● Tvheadend			
Dvblast Settings	●VDR			
Vdr Settings	Dvblast			
Options				
Update				
Tvheadend Guide				
About				
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#### **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..."):



<u>a</u>	Dvblast settings				
- <u> </u>	Tunore : TBS 6904 DVBS/S2 adapter0	Program List	OutputAddress	OutputPort	IP
	TBS 6904 DVBS/32 adapter1 TBS 6904 DVBS/32 adapter1 TBS 6904 DVBS/32 adapter2	CCTV 4	239.255.0.1	1234	auto
	TBS 6904 DVBS/S2 adapter3 TBS 6904 DVBS/S2 adapter4	CCTV NEWS	239.255.0.2	1234	auto
Network Settings	TBS 6904 DVBS/S2 adapter5 TBS 6904 DVBS/S2 adapter6	CCTV OPERA	239.255.0.3	1234	auto
Tunning Settings	TBS 6904 DVBS/S2 adapter7 TBS 6904 DVBS/S2 adapter8 TBS 6904 DVBS/S2 adapter9	BEIJING	239.255.0.4	1234	auto
Dvblast Settings	TBS 6904 DVBS/S2 adapter10 TBS 6904 DVBS/S2 adapter11	SHANGHAI	239.255.0.5	1234	auto
Vdr Settings	TBS 6904 DVBS/S2 adapter12 TBS 6904 DVBS/S2 adapter13 TBS 6904 DVBS/S2 adapter14	JIANGSU	239,255.0.6	1234	auto
Options	TBS 6904 DVBS/S2 adapter14 TBS 6904 DVBS/S2 adapter15	HUNAN	239,255.0.7	1234	auto
Update	Frequency(kHz): 10988000	FUJIAN	239,255,0.8	1234	auto
Tvheadend Guide	Symbol Rate(Sym/s): 41250000	XIAMEN	239.255.0.9	1234	auto
About	Polarisation: V	GUANGDONG	239.255.0.10	1234	auto
About	Delivery System: DVBS V				
	Constellation: QPSK •	SHENZHEN	239.255.0.11	1234	auto
	FEC: 1/2 V		Streaming8	Save	
Copyright @ 2006-2015	Switch Port: 1				
TBS All Rights Reserved. Version 1.0.0.0	Scan Channels	<u>,                                     </u>			

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 🔻		
CCTV NEWS	239.255.0.2	1234	auto 192.168.8.152 0.0.0.0		
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					

## VDR Settings:

## 1) OSCAM Settings

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



-	VDR Settings
	Scan For VDR —————
	Scan Settings
	TV Adapters: TBS 6904 DVBS/S2 adapter0 + TBS 6904 DVBS/S2 adapter1
Network Settings	TBS 6904 DVBS/S2 adapter1 TBS 6904 DVBS/S2 adapter2 TBS 6904 DVBS/S2 adapter3 TBS 6904 DVBS/S2 adapter4 TBS 6904 DVBS/S2 adapter4
Tunning Settings	TBS 6904 DVBS/S2 adapter6 TBS 6904 DVBS/S2 adapter7
Dvblast Settings	TBS 6904 DVBS/S2 adapter8 TBS 6004 DVBS/S2 adapter9 TBS 6904 DVBS/S2 adapter10
Vdr Settings	TBS 6904 DVBS/S2 adapter11 TBS 6904 DVBS/S2 adapter12 TBS 6904 DVBS/S2 adapter13
Options	TBS 6904 DVBS/S2 adapter14 TBS 6904 DVBS/S2 adapter15 🗸
Update	SCAM
Tvheadend Guide	usr: root passwd: root
About	

Use "root" as user name and password to log in:

Authentication Re	equired
The server http://192. password. The server User Name: ro	
	**
	and a second

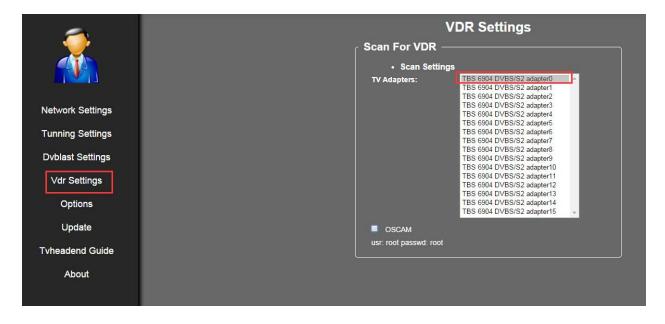
Then you will be directed to the OSCAM page as below:



<u>DS(</u> am			Status	Live Log	Config	Readers Users	Services Files ro Timeline Status	Failban	CacheEX	Scripts	Restart	F	ollintervall: 60
Hide/Reset	Reader/User	AU	Address	Port	Protocol	CAID: SRVID	Current Channel		LB Value/Reader		Online & Idle*		Status
erver 2/2													5
۹.	root	OFF	127.0.0.1	0	server	0000:0000					00:03:55 00:03:55	ок	
9	root	OFF	127.0.0.1	o	http	0000:0000					00:03:55 00:00:00		ок
Readers 1/1 (0 of 1	CARDOK)												5
	reader1	ON	127.0.0.1	0	mouse	0000:0000			no data		00:03:55	R	EADER DEVICE ER (no entitlements)

#### 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)

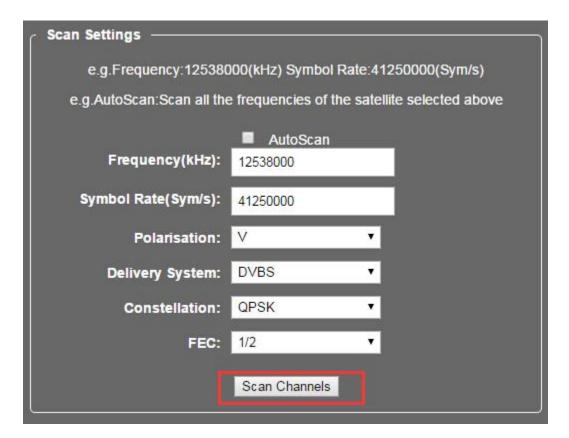


Choose one option and do "DiSEqC settings" and "Scan settings" as following:



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:	Telstar 18-138.0E			
LNB Type:	Ku-Linear(Universal)			
Low Band(MHz):	9750			
High Band(MHz):	10600			
Switch Band(MHz):	11700			
Switch Port:	1			
DiSEqC Version:	DiSEqc 1.0/2.0 •			
DiSEqC Repeats:	0 🔻			
	Set DiSEqC			





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.



<b>(</b>	Options Http Server Login settings
	username : root
Network Settings	password : ·····
Tunning Settings	modify & save
Dvblast Settings	
Vdr Settings	MOIPro-AMD control
Options	Reboot MOIPro-AMD
Update	DASH remote control (usr: TBS password: tbs)
Tvheadend Guide	NOTE: DASH remote control is supported only when LAN1 is connected.
About	Dash remote control

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:

$\leftarrow \rightarrow 0$	C 192.168.8.79:623
**	Realtek Semiconductor Corp.

BIOS		
System Information Based Board Information	Power Control	Boot Device
Chassis CPU	• Reset	© Floppy
Cache Port Connection	O Power up	© CD/DVD
Slot System Event Log	Power off	Disable
Physical Memory Memory Device	Power Cycle Reset	
emote Control		
vent Log letwork setting ervice setting	Submit	click "Remote Control", you can reset, power up and power off MOI PRO-AMD remotely
lbout		

## Update:



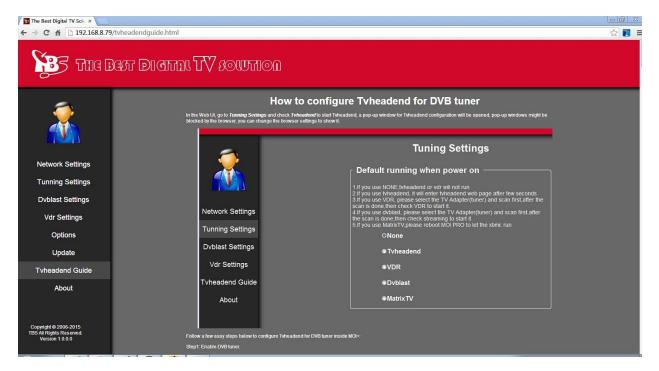
- 1) Select file "update.tar.bz2" from your PC .
- 2) Click Upload button to upload "update.tar.bz2" to MOI Pro-AMD

#### 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

<b>a</b>	MOIPro-AMD V1.0.0.0
	1) SSH login : Protocol : SSH Host : 192.168.8.188(192.168.8.188 is the MOIPro-AMD's ip) Port Number : 22
Network Settings	User Name : root Password : 123456
Tunning Settings	2) SAMBA server : Protocol : SAMBA
Dvblast Settings	windows: \\192.168.8.188(192.168.8.188 is the MOIPro-AMD's ip) linux: smb://192.168.8.188
Vdr Settings	
Options	
Update	
Tvheadend Guide	
About	