

# TBS MOI DVB-S2 Streaming Box\_XBMC

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V1.0



#### 1. Overview

This guide provides an overview of how to watch satellite live TV on XBMC on PC, Android tablet PC and iPad with TBS MOI DVB-S2 streaming box.

**XBMC** is a free and open source media player application developed by the XBMC Foundation. It allows users to play and view most videos, music, podcasts, and other digital media files from local and network storage media and the internet. Now it is officially available as a native application for Linux, Mac OS X, iOS, and Microsoft Windows operating systems.

#### 2. How to use XBMC to watch TV on Windows with MOI

Simply download XBMC for windows and run the installer (windows 7 for example): <a href="http://mirrors.XBMC.org/releases/win32/XBMC-11.0.exe">http://mirrors.XBMC.org/releases/win32/XBMC-11.0.exe</a>

#### 2.1. Launch XBMC on your PC

Click to launch XBMC, as it is shown below. You'll find there is no "LIVE TV" option on the main menu by default. So the first thing to do is to connect XBMC with *TVheadend HTSP Client* <sup>1</sup>and display "LIVE TV" on the main menu.



 $<sup>{}^1 \, {\</sup>rm Tvheadend} \; {\rm HTSP} \; {\rm Client: https://www.lonelycoder.com/redmine/projects/tvheadend/wiki/Htsp}$ 



#### 2.2. Connect XBMC with TVheadend and display "LIVE TV" on the main menu

Firstly, click "Settings" under "SYSTEM" column:



And you will see the following window, then click "Live TV"





Confluence

General

Menu/OSD

EPG

Playback

Recording

Power saving

TV - SETTINGS

Imable

Synchronise channel groups with backends

Always use the channel order from the backend(s)

Use backend channels numbers (only works with 1 enabled PVR addon)

Channel manager

Search for channels

Reset the PVR database

A new window will appear, click" General -> Enabled" to continue.

You will see the following dialog box showing that "No PVR add-on enabled", click "OK" to continue.

Confluence		
	Enabled	
General	Synchronise channel groups with backends	
Menu/OSD	Always use the channel order from the backend(s)	
EPG	No PVR add-on enabled	d PVR addon) 🥏
Playback	The PVR manager has been enabled without any enabled PVR add-on. Enable at least one add-on in order to use the PVR functionality.	
Recording		
Power saving	ок	



STAR XBMC PVR CLIENTS **n** ADD-ONS INSTALLED ADD-ONS 11:51 AM **Tvheadend HTSP Client** MediaPortal PVR Client (ffmpeg) MythTV PVR Client Tvheadend HTSP Client Add-on disabled VDR VNSI Client Author: Alwin Esch, Team XBMC Version: 1.0.0 Tvheadend frontend; supporting streaming of Live TV & Recordings, EPG, Timers

Follow the instruction, you will see picture below, select "TVheadend HTSP Client" to continue.

Then set TVheadend hostname or IP address

Settin	gs - Tvheadend HTS	P Client	×
	General		
Tvheadend hostname of	or IP address		
HTTP port		998	1
HTSP port		998	2
Username			
Password			
Connect timeout in sec	onds	30 🔽	
Response timeout in se	econds	2	
ок	Cancel	Defaults	



The IP address of the MOI streaming box **192.168.1.188** should be entered, then click "Done" to finish this step.

		Tvhe	eaden	Ge d hos	neral tnamo	e or IF	<sup>,</sup> addr	ess			X
			19	92.16	8.1.18	81					
Done		0	1	2	3	4	5	6	7	8	Q
Shift	۲	а	b	с	d	e	f	g	h	i	
Caps Lock		k	ļ	m	n	0	р	q	r	s	1
Symbols	۲	u	v	w	x	у	z		Back	space	:
IP address			Space < >							>	

Restart XBMC, now you can find "Live TV" option on the main menu. This indicates XBMC has connected with TVheadend and can receive satellite TV channels from MOI TV Streaming Box.

#### 2.3. Watch live TV channels on XBMC on your PC

Now you can click "TV channels" under "LIVE TV" column to proceed:





A list of TV channels will present on the left , when you hover over a TV channel, a preview of the video will begin playing, and you can choose your favorite TV channels to preview.



Double click to switch to full screen.





#### 3. How to use XBMC to watch TV on Android Tablet PC with MOI

Firstly, download XBMC for Android and run the installer.

**Note:** XBMC has a number of free and charge versions on Android, it's difficult to unity, so we upload one XBMC version to our web server, and you download it from:

http://www.tbsdtv.com/download/document/tbs2900/xbmc-android-app\_20120714.zip

And the following steps are based on this version, different versions may have some differences in the operation steps.

#### 3.1. Connect XBMC with Tvheadend and add Videos

Tap to launch XBMC, and then select "VIDEOS -> Files" to proceed.







Ë	Videos	10:48 AM
	Files	
	Playlists	
	Video Add-ons	
		U
		(3) Items - Page (1/1) 🗲 🐔
		◎ 10:48�∡

XBMC will display three options "Files", "Playlists", "Video Add-ons", here we choose "Files".

tap "Add Videos" to add videos streamed from MOI TV Streaming Box





#### tap "None" to go to the next step

Ű	Videos - Files					10:49 AM
			Add Vid	leo source	X	
			Enter the paths or brow			
		<none></none>			Browse	
0						
			Enter a name for			
					GB	
				Cancel		
						Page (1/1) 🗲 🖌
~		5 :			• 10	:4971

Enter your own MOI Box IP address<sup>2</sup>, just remember this format: htsp://192.168.1.20:9982 (**Note**: it's <u>"htsp", not "http"). Then click "Down" button to finish this step.</u>

Entert	the na	Ac	ld Vid	eo sol vse fo	irce ir the	media	locat	ions		×	
	ine pi	1110 0		100 10	, inc	Inculu	locut				
Done	0	1	2	3	4	5	6	7	8	9	
Shift 🎐	а	b		d	e	f	g	h		j	
Caps Lock 🄍	k	1	m	n	o	р	q	r	s	t	
Symbols	u	v	w	x	у	z		Back	space		
IP address			Sp	ace			<	<		>	GB

 $^2$  the original IP address of MOI is 192.168.1.188, you can change it using the WUI (Web User Interface), more information about how to change the IP address of MOI, please refer to the "Quick Start Guide"



Ť	Videos - Files												11:10 AM
				Ac	ld Vid	eo sol	urce					×	
		Enter	the pa	aths o	r brov	vse fo	or the	media	locat	tions.		×	
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0		Done	0	1	2	3	4	5	6	7	8	9	
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		Symbols	u	v	w	x	у	z		Back	space		
		IP address			Sp	ace				<		>	GB
$\leftarrow$												0	11:107/

Then you will see the picture below, it shows your XBMC has connected with TVheadend. This also means XBMC can play satellite TV channels which streamed by MOI box now.





t	Videos - HTS Tvheadend client		11:12 AM
	Live channels	1	
0			
		14	ZOTE
			V
			(1) Items - Page (1/1) 🗲
<u> </u>			● 11:12 🖘 🚛

#### 3.2. Watch Live TV on XBMC on your Android Tablet PC

Go on to tap "Live channels", you will see a TV channel list streamed by MOI.







Then choose your favorite TV channels to watch:



### 4. How to use XBMC to watch TV on iPad with MOI

### 4.1. How to install XBMC on iPad (iPad2 for example)

XBMC for iOS is free to download in Cydia on XBMC repo http://mirrors.xbmc.org/apt/ios, you need to have a **jailbroken** iDevice running iOS 4.x or higher. Follow the steps below to install XBMC on your iPad.

#### 4.1.1. Tap "Cydia" application on your homescreen

Cvdia > 🕞 saurik	>	Extensions Useful on iPad
	-	Activator customize actions >
Featured >	>	<b>FullForce</b> make apps fullscreen >
Show pictures in contact lists updated with iOS 5.x support	>	IncarcerApp limit home button >
WiFi Hotspot, USB, Bluetooth Tethering	>	NoLockScreen Instant access >
Cydia Store: Products	>	SBSettings drop-down settings >
& Manage Account	>	SplitMail better mail in portrait >
Ungrading and Jailbreaking Heln		Products Designed for iPad
More Package Sources	>	DisplayOut mirror screen to TV >
Color ID to unitage	3	FullScreen improve Safari >
(for US and Canada only)	>	iFile browse & modify local files >
CyDialer right from your lockscreen	>	Music Controls Pro integration >
User Guides	_	PhotoAlbums+ manage albums >
Frequently Asked Questions	>	ProTube get more YouTube >
Copying Files to/from Device	>	Quasar use apps simultaneously >
OpenSSH Access How-To	>	SwirlySMS text message on 3G >
Root Password How-To	>	
Credits / Thank You	>	
iPad2,4, iOS 5.1.1, Cydia 1.1.6 bc43f3e1468ddd181a49cd841bd20bd0e4f04	c1b	



#### 4.1.2. Add Source

Tap "Sources" -> "Edit" -> "Add". Type in http://mirrors.xbmc.org/apt/ios/

iPad 🔶	14:56	25%1
Add	Sources	Done
Cydia/Telesphoreo		>
Dev Team	.com/	
Hackulo.us     http://cydia.hackulo.us/		
ModMyi.com     http://apt.modmyi.com/		
Contraction Contraction Contraction	Citi spo/cydi~/	
⊜ 👩 第一中文源™	Enter Cydia/APT URL	
http://apt.178.com/	p://mirrors.xbmc.org/apt/ios/	
	Cancel Add Source	

#### 4.1.3. Tap on the teamXBMC source

iPad	(÷	15:48	17 % 🕒
Set	ings	Sources	Edit
0	Cydia/Telesphoreo http://apt.saurik.com/		>
?	Dev Team http://repo666.ultrasn0w.com/		>
?	Hackulo.us http://cydia.hackulo.us/		>
mmi	ModMyi.com http://apt.modmyi.com/		>
Ó	teamXBMC http://mirrors.xbmc.org/apt/ios/		>
Z	ZodTTD & MacCiti http://cydia.zodttd.com/repo/cydia/		>

### 4.1.4. Tap on the XBMC-iOS icon

Pad 🙃	14:59	25 % 💷
Sources	teamXBMC	
x		
KBMC-IconPack     from teamXBMC (Multimedia)     XBMC Icon Pack		4
WEAK CONTRACTION STATES AND A CONTRACTION STATES AND A CONTRACTION OF A CONTRACTION OF A CONTRACT OF		4

teamXBMC	Details	Instal
	<b>XBMC-iOS</b> 11.0-0	
	Change Package Settings >	
	Author TeamXBMC	
	XBMC Multimedia Center for 4.x iOS	
	More Information >	
	Package Details	
	ID org.xbmc.xbmc-ios	
	Section Multimedia	
	Contact Scott Davila, Edgar Hucek	
	Source Information	
	teamXBMC	
	The Official teamXBMC Repository!	



#### 4.1.6. Install XBMC-iOS

After the installation, a new XBMC icon will appear on the screen





# 4.2. How to Watch Live TV on XBMC on your iPad4.2.1. Run XBMC and Add Videos from MOI TV Box

Tap on

on the screen to launch XBMC software and select "VIDEOS" to proceed.





# Then tap "Add Videos"





#### We'll see picture below:

ń		Page 2 of 2
	Add Video source	×
<b>S</b> 4	Enter the paths or browse for the medi	a locations.
	> <none></none>	Add
		Temove
	Enter a name for this media Sou	irce.
	Cancel	
-	EY	*

#### 4.2.2. Enter IP Address of TBS MOI TV Box

Tap <None>" to add video source from MOI TV Box, then enter the MOI IP address as picture blow:  $htsp://192.168.0.115:9982/^3$ .

**Please Note:** it's "htsp", not "http", and "192.168.0.115" is the IP address of your MOI TV Box,"9982" is network port.

<sup>&</sup>lt;sup>3</sup> the default IP address of MOI is 192.168.1.188, if you have not changed the IP address, please just enter the default IP address, if you have changed it, as it is in the example to 192.168.1.115, please enter the new IP address



Add Vie	leo source				×
	Enter th	e paths or brow	se for the media lo	cations.	
> htsp	://192.168.0.115:99	82/		Browse	
	1	2		Add	
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	Please, no	te it's "htsp"	$\mathcal{A}$		
	ı	Enter a name fo	this media Source	•	
		HTS Tyhe	adend client		
	Ĩ	ок	Cancel	ľ	
	5			2	

#### 4.2.3. Connect XBMC with MOI Box via Tvheadend

When we finish enter MOI IP address, the XBMC has connected with MOI Box via Tvheadend, we'll see four options as picture below, it has added "HTS Tvheadend client" option. (This also means XBMC can play satellite TV channels streamed by MOI box now.)





# **4.2.4. Watch Live TV on XBMC on iPad** Tap "Live channels" to continue.







We'll see Live TV channels streamed by MOI TV Box



Page 1 of 1         Image: Second Se	MC M	4:27 PM	5 Items 📶 🏠
<ul> <li></li></ul>			Page 1 of 1
<ul> <li>1001 - BEIJING</li> <li>1002 - HUNAN</li> <li>1003 - CCTV OPERA</li> <li>1004 - JIANGSU</li> </ul>	J		*****
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~	🍻 1004 - JIANGSU		
TIODS - SHANGHAI	🧭 1005 - SHANGHAI		
	← ≡ ▼		*
	Back View Elter	Videos	Favourtee

Then click one of the TV channels to view:







#### Reference

XBMC http://xbmc.org/

TVHeadend https://www.lonelycoder.com/redmine/projects/tvheadend