

# **DVR Addon User Guide**

[www.ezhomotech.com](http://www.ezhomotech.com)

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## 1. Introduction

This document is for EZserver Addon: DVR function with Rads player, Ezsever Panel and EZsever.



Smart TV, IP STB



Mobile Devices

## 2. DVR Channel Setting

- Login EZserver Panel

- Click

**Channel**

- Set one channel type as below 3 steps:

Type	Status		
<input type="text" value="DVR"/>	ON	<a href="#">Save</a>	<a href="#">Refresh</a> <a href="#">Play</a>
<b>1</b>		<b>2</b>	<b>3</b>

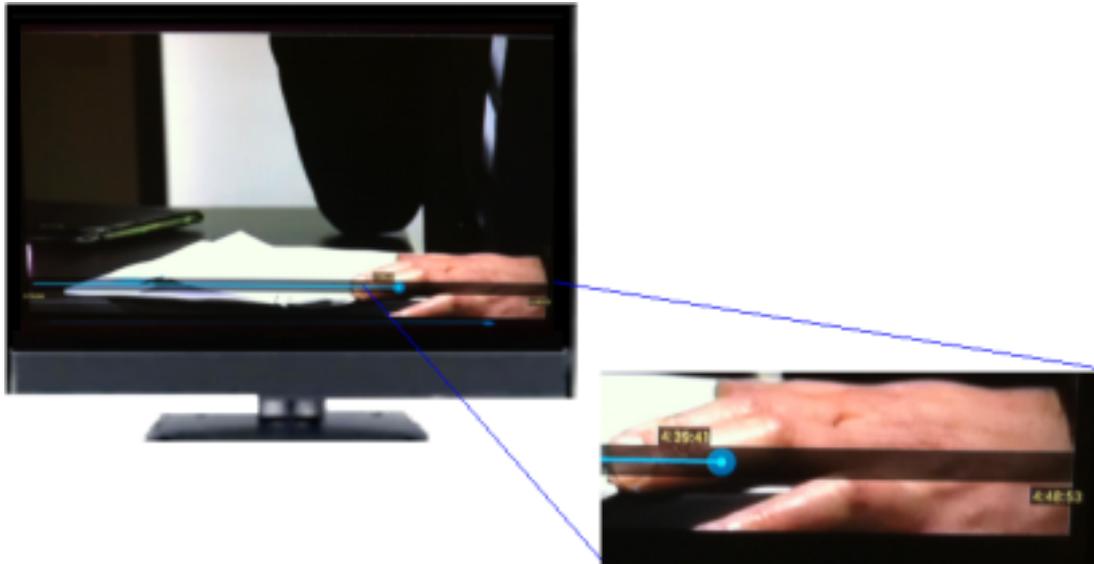
### 3. DVR Channels for PC / iOS devices

- Login Rads player web link (ex. <http://192.168.0.8:17000/radsplayer/index.htm>)
- You can pause, play, forward/backward seek the channel using << and >> buttons.



## 4. DVR Channels for Android STB

Connect Android STB with TV and use backward and forward buttons of a remote control for dvr function.

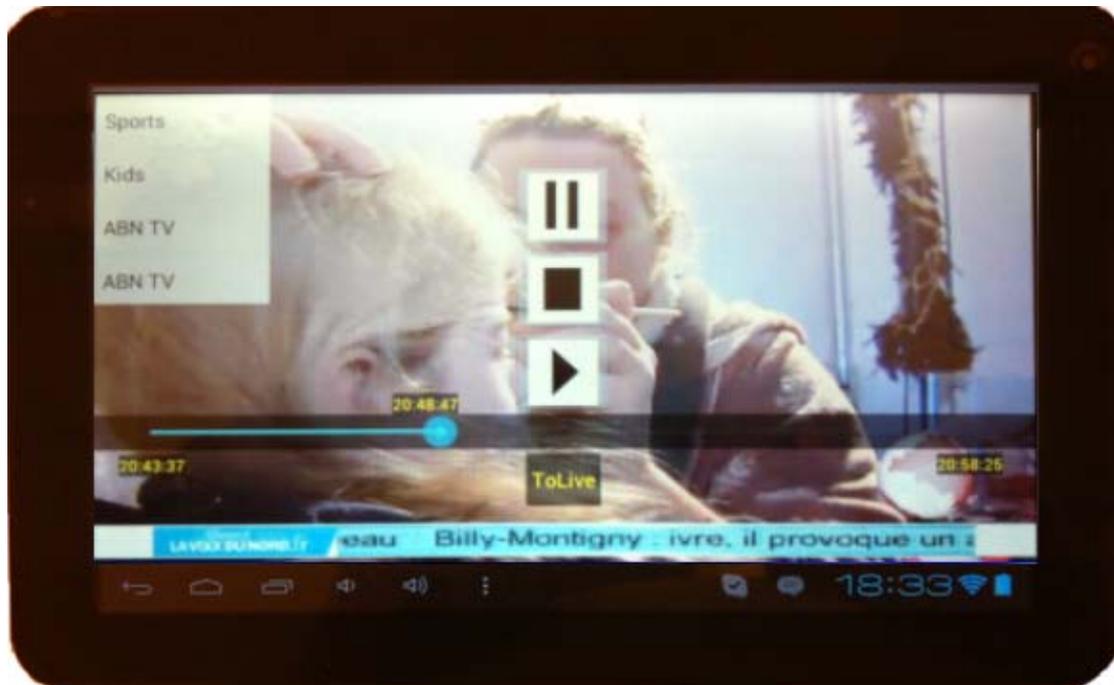


### Speical Buttons for DVR:

- Right Arrow Button: Fast Backward
- Left Arrow Button: Fast Forward
- Up Arrow Button: Slow Backward
- Down Arrow Button: Slow Forward

## 5. DVR Channels for Android Mobile Device

You can touch the screen to show the playback menu to pause, stop, resume, even forward/backward seek by the Seek Bar.



## 6. DVR Channels for VLC or Smart TV app

EZserver supports **utc** and **lutc** options in the url for time shift of live channels. The time format of utc and lutc is Unix epoch time.

URL Syntax for DVR:

`http://serverip:portno/x.ch?u=xxx&p=xxx&utc=new_epoch_time&lutc=cur_epoch_time`

Ex. `http://192.168.0.6:8000/1.ch?u=test&p=1234&utc=1444464280&lutc=1444464304`

- utc is the new specific time.
- lutc is the current time.

There are two ways to check this function as below:

- use vlc to input the url with utc and lutc options to backward or forward live video.
- Use Smart TV app (sptv) to select EPG list to play the record videos.

## 7. DVR Buffer Size

Administrator can set the dvr buffer size in **ezserver\_config.txt** is initialized in the ezserver booting time.

The below example sets 60 min. for backward and forward for live channels.

<b>tv_on_demand_record_duration=60</b>	DVR record duration (unit: min)
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## 8. Channel Icon Customization

All channels' icons are in the below folder of EZserver side

- **Ezserver\_prof/middleware/pictures/Channel folder.**

The icon's property is as below:

- Filename: **channel no** with prefix **ch**. Ex. ch1 icon name is ch1.jpg
- Size: 242x350 pixels
- Image format: jpg
- File extension name: .jpg