

# **Branded Web Player User Guide**

for PC, iOS and Android

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

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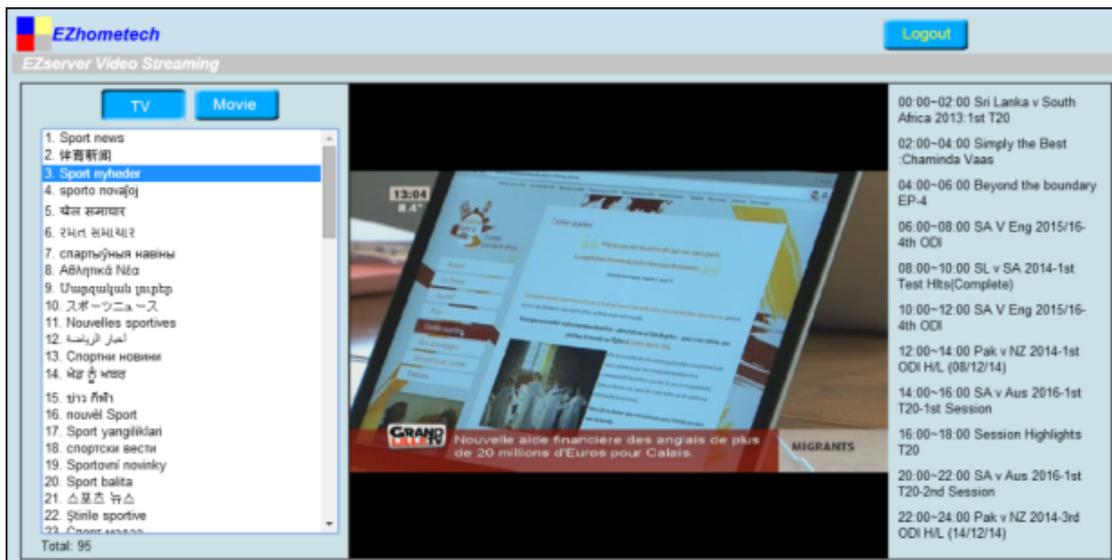
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## 1. Introduction

Branded Web Player is customizable for your logo and is an easy-to-customizable user interface on Internet browser as IE, Chrome Safari that can let you watch Live Channels and Video on Demand from EZserver.

Features:

- Live Channels
- Video on Demand



## 2. Software Requirement

Items	Version
EZhomotech EZserver	Release 1.2

## 3. Hardware Requirement

Items	Specification
Processor	Above 1.0GHz
Memory	4 GB
Network Interface	802.11 a/b/g/n
Disk Space	248K bytes

## 4. Software Specification

<b>General Function</b>
<ul style="list-style-type: none"><li>• HTTP Streaming Protocol</li></ul>
<ul style="list-style-type: none"><li>• Support PC, iOS and Android Devices</li></ul>
<ul style="list-style-type: none"><li>• Support IE, Chrome and Safari</li></ul>
<ul style="list-style-type: none"><li>• Support Video Server: EZserver</li></ul>
<b>IPTV/OTT</b>
<ul style="list-style-type: none"><li>• Video Streaming From EZserver</li></ul>
<ul style="list-style-type: none"><li>• Channel Selection</li></ul>
<ul style="list-style-type: none"><li>• Video Format: MPEG2/H264 Transport Stream, Adobe FLV</li></ul>
<ul style="list-style-type: none"><li>• Time expired checking</li></ul>
<ul style="list-style-type: none"><li>• Automatic Channel Update</li></ul>
<b>Video On Demand</b>
<ul style="list-style-type: none"><li>• Video Format : MP4, Adobe FLV</li></ul>
<ul style="list-style-type: none"><li>• Playback : Pause, Play, Resume, Forward/Backward Seek</li></ul>
<ul style="list-style-type: none"><li>• Menu Bar for Movie Category</li></ul>
<ul style="list-style-type: none"><li>• Automatic and Real-Time Movie Category Update</li></ul>
<ul style="list-style-type: none"><li>• Easy-to-Use Playback Menu</li></ul>
<b>Login Menu</b>
<ul style="list-style-type: none"><li>• User Name and Password</li></ul>
<ul style="list-style-type: none"><li>• EZserver Domain Name / IP</li></ul>
<ul style="list-style-type: none"><li>• Port No.</li></ul>

## 5. Login Menu

Open Internet browser and input URL <http://serverip:port/radsplayer/index.htm>, then input User Information into the Login Menu. The information includes User Name, Password.



The screenshot shows a web interface for EZserver Video Streaming. At the top left is the EZhomotech logo, consisting of a square divided into four colored quadrants (red, yellow, blue, grey) followed by the text "EZhomotech". Below the logo is a grey header bar with the text "EZserver Video Streaming". The main content area is light blue and contains two input fields: "User ID:" with the text "root" entered, and "Password:" with four dots "...." entered. Below these fields are two buttons: "Login" and "Cancel". At the bottom right of the page, there is a small copyright notice: "EZhomotech ©Copyright".

## 6. Live Channels

Live Channel menu shows TV list, live video and its EPG information.

- Click TV button to show all channel.
- Scroll channel list and double click one to watch the selected channel.

The screenshot displays the EZhomotech EZserver Video Streaming interface. At the top left is the EZhomotech logo and the text "EZserver Video Streaming". A "Logout" button is located at the top right. Below the header, there are two buttons: "TV" (selected) and "Movie".

On the left side, there is a scrollable list of 22 channels, each with a number and a name in multiple languages. The selected channel is "Sport nyheder". At the bottom of the list, it says "Total: 95".

The center of the interface is a large video player showing a live stream of a news website on a tablet. The website content includes a headline about "Nouvelle aide financière des anglais de plus de 20 millions d'Euros pour Calais" and a "MIGRANTS" section.

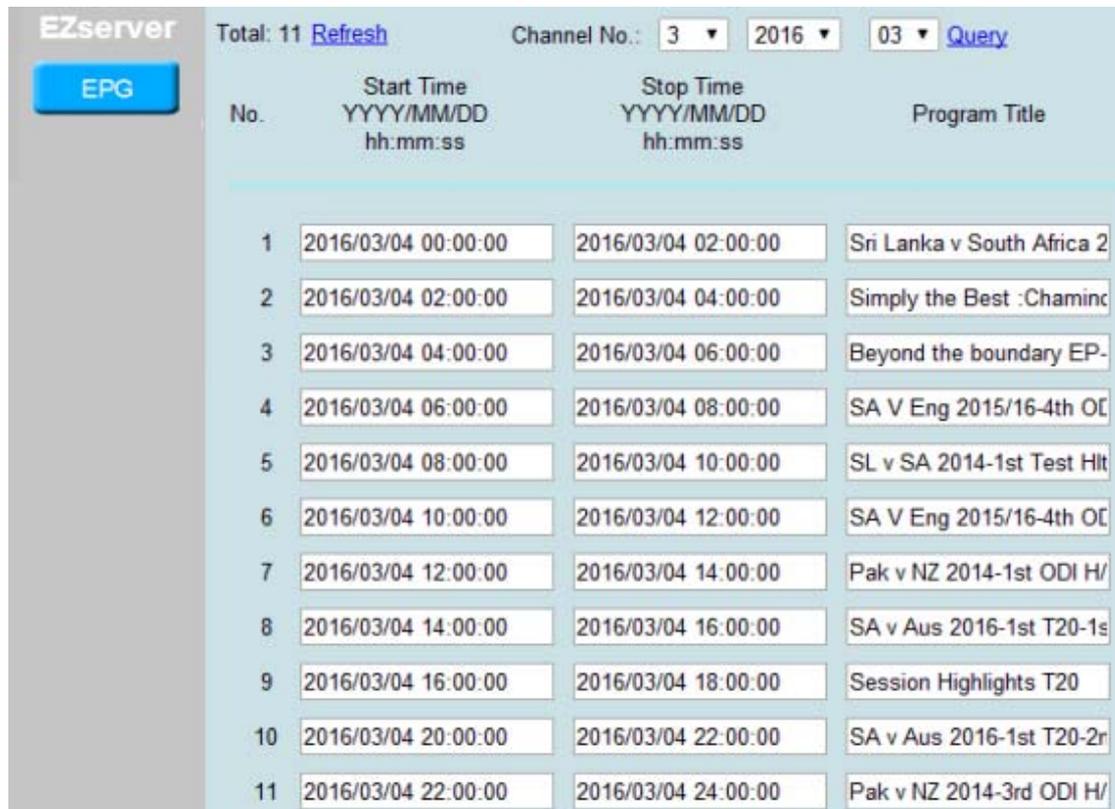
On the right side, there is an EPG (Electronic Program Guide) showing a list of programs with their start and end times and titles. The programs listed include:

- 00:00-02:00 Sri Lanka v South Africa 2013-1st T20
- 02:00-04:00 Simply the Best :Chaminda Vaas
- 04:00-06:00 Beyond the boundary EP-4
- 06:00-08:00 SA V Eng 2015/16-4th ODI
- 08:00-10:00 SL v SA 2014-1st Test Hls(Complete)
- 10:00-12:00 SA V Eng 2015/16-4th ODI
- 12:00-14:00 Pak v NZ 2014-1st ODI H/L (08/12/14)
- 14:00-16:00 SA v Aus 2016-1st T20-1st Session
- 16:00-18:00 Session Highlights T20
- 20:00-22:00 SA v Aus 2016-1st T20-2nd Session
- 22:00-24:00 Pak v NZ 2014-3rd ODI H/L (14/12/14)

## 7. EPG

For channel EPG, administrator defines Program Information of a channel in EPG window.

- Login Panel
- Click EPG button



The screenshot shows the EZserver EPG interface. At the top left, there is a blue button labeled 'EPG'. To its right, the text 'EZserver' is displayed. Further right, there are controls for 'Total: 11', a 'Refresh' link, 'Channel No.: 3', the year '2016', and '03' with a 'Query' link. Below these controls is a table with the following columns: 'No.', 'Start Time YYYY/MM/DD hh:mm:ss', 'Stop Time YYYY/MM/DD hh:mm:ss', and 'Program Title'. The table contains 11 rows of program listings.

No.	Start Time YYYY/MM/DD hh:mm:ss	Stop Time YYYY/MM/DD hh:mm:ss	Program Title
1	2016/03/04 00:00:00	2016/03/04 02:00:00	Sri Lanka v South Africa 2
2	2016/03/04 02:00:00	2016/03/04 04:00:00	Simply the Best :Chaminc
3	2016/03/04 04:00:00	2016/03/04 06:00:00	Beyond the boundary EP-
4	2016/03/04 06:00:00	2016/03/04 08:00:00	SA V Eng 2015/16-4th OI
5	2016/03/04 08:00:00	2016/03/04 10:00:00	SL v SA 2014-1st Test Hlt
6	2016/03/04 10:00:00	2016/03/04 12:00:00	SA V Eng 2015/16-4th OI
7	2016/03/04 12:00:00	2016/03/04 14:00:00	Pak v NZ 2014-1st ODI H/
8	2016/03/04 14:00:00	2016/03/04 16:00:00	SA v Aus 2016-1st T20-1s
9	2016/03/04 16:00:00	2016/03/04 18:00:00	Session Highlights T20
10	2016/03/04 20:00:00	2016/03/04 22:00:00	SA v Aus 2016-1st T20-2r
11	2016/03/04 22:00:00	2016/03/04 24:00:00	Pak v NZ 2014-3rd ODI H/

## 8. Transport Stream for Microsoft IE

If channel video format is MPEG2 transport stream, PC needs to do the below installation:

- Install MPEG2/H264 TS codec (download *K-Lite Codec Pack* from internet).

## 9. HLS Setting for Safari

Administrator sets a channel to HLS type, then open URL in iOS device by any browser as Safari or Chrome.

### Step1:

- Login Panel
- Click Channel Button and Click More icon
- Select HLS option to **Constant Bitrate**

HTTP Live Streaming :

Disabled

**Constant Bitrate (as source input)**

Adaptive Bitrate (DASH transcoder)

Mobile Bitrate:  kbps

SD Bitrate:  kbps

HD Bitrate:  kbps

Video Format :  ▼

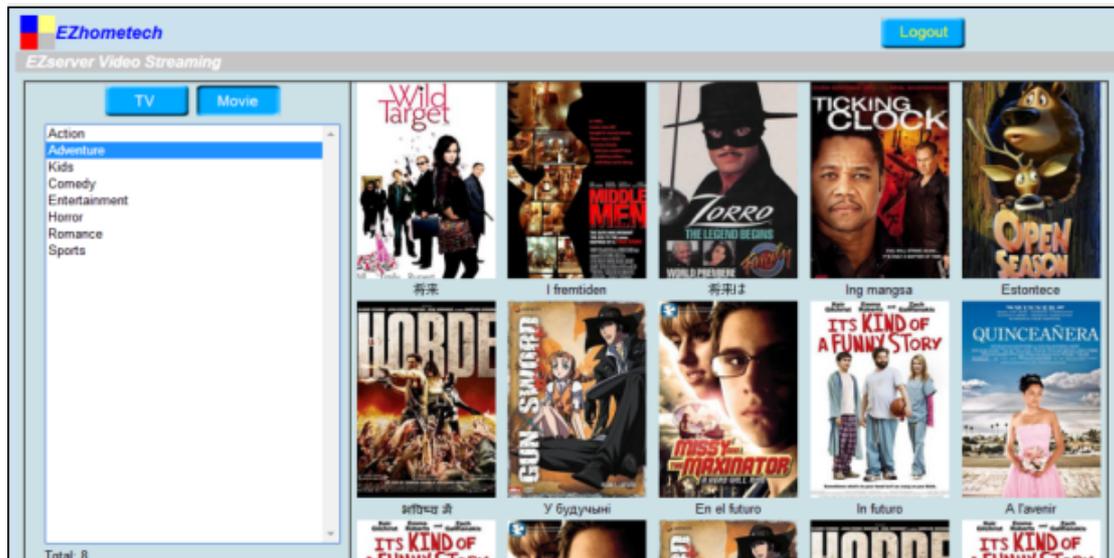
Audio Format :  ▼

Encoding Speed :  ▼

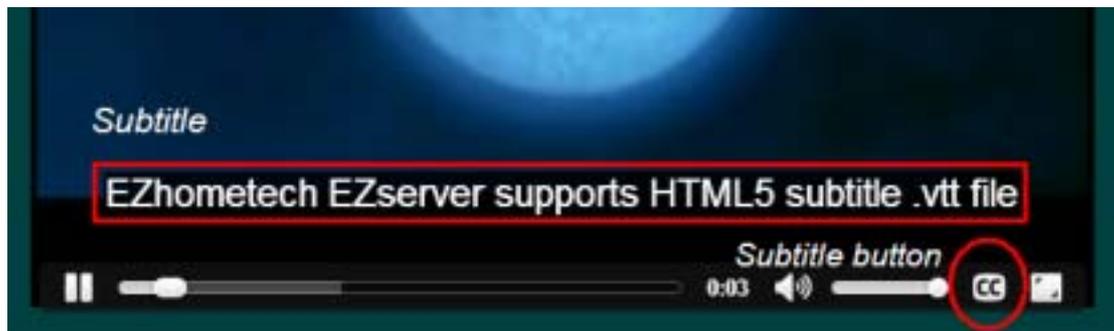
## 10. Video on Demand

Video on Demand menu shows Movie Categories and the movie icons of the first category

- Click Movie button to show all categories and movie icons.
- Scroll Category list and double click one to show its movie icons.
- Click moive icon to watch movie.

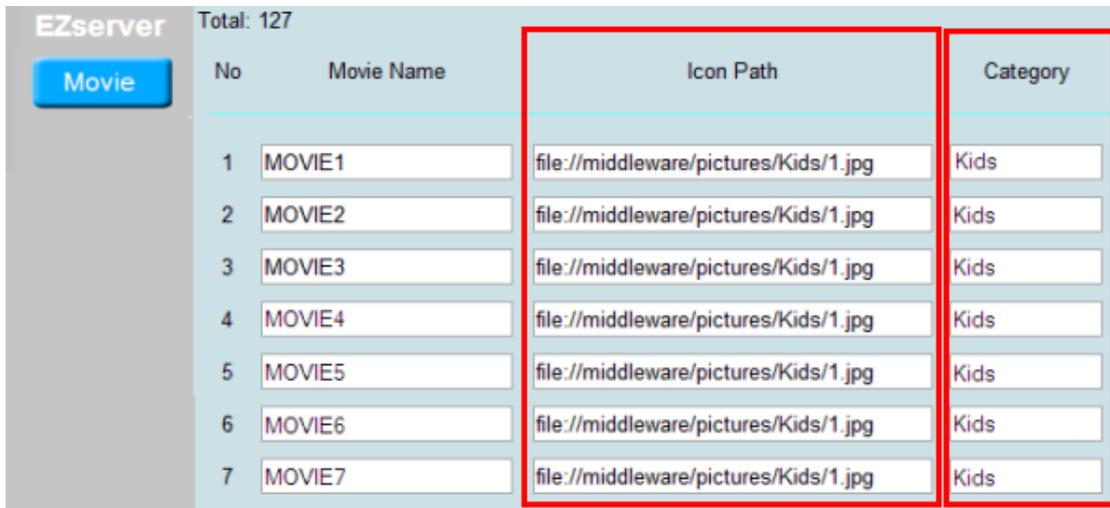


- Play the movie and click "CC" to turn on/off the subtitle



## 11. Movie Icon and Category Customization

Movie icons and categories are defined in the icon path and category field of each movie in the EZserver Panel.



The screenshot shows the EZserver interface with a 'Movie' button and a table of 7 movie entries. The 'Icon Path' and 'Category' columns are highlighted with a red border. The table data is as follows:

No	Movie Name	Icon Path	Category
1	MOVIE1	file://middleware/pictures/Kids/1.jpg	Kids
2	MOVIE2	file://middleware/pictures/Kids/1.jpg	Kids
3	MOVIE3	file://middleware/pictures/Kids/1.jpg	Kids
4	MOVIE4	file://middleware/pictures/Kids/1.jpg	Kids
5	MOVIE5	file://middleware/pictures/Kids/1.jpg	Kids
6	MOVIE6	file://middleware/pictures/Kids/1.jpg	Kids
7	MOVIE7	file://middleware/pictures/Kids/1.jpg	Kids

The icon property is as below:

- Size: 242x350 pixels
- Image format: jpg
- File extension name: .jpg