



Ezhometech IPTV Panel Tutorial

Support Youtube Links

Revision: 02/11/2022



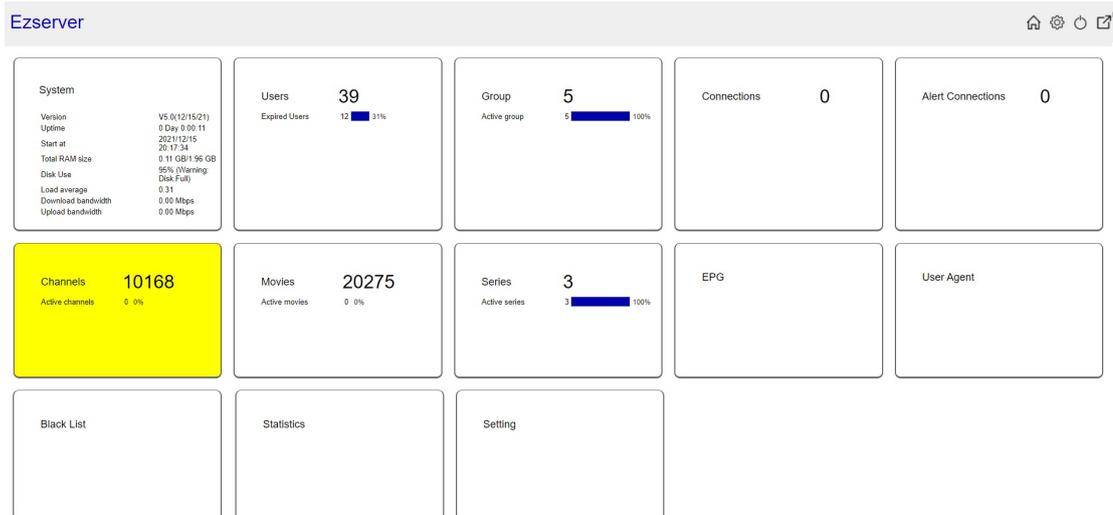
Content

1 Overview of Ezhometech IPTV Panel	3
1.1 Related Information.....	4
2 Installation and License activation	5
3 Start / Restart / Shutdown	6
4 Administrator Panel.....	7
5 IPTV Panel Setting	8
6 Ezserver Player	9
7 Youtube Links	10
8 Parent Control.....	11
9 MAC ID Protection	12

1 Overview of Ezhometech IPTV Panel

Ezhometech IPTV Panel lets **Ezserver** support Ezserver players to play channels and movies from Ezserver or Youtube

1. **Ezserver:** Act Unicast video server
2. **Ezserver Players:** An IPTV Player.



IPTV panel:

- **User management:** create, modify and delete users.
- **Channel management:** create, modify and delete channels.
- **Movies management:** create, modify and delete movies.
- **Series management:** create, modify and delete series.

Streaming server:

- **Video format:** H264 and H265.
- **Audio format:** AAC, MP3.

Hardware Requirement:

- **Min. Requirement:** Dual-Core, 8GB RAM, 1GB Network card.
- **More at** http://www.ezhometech.com/html/ezserver_user_guide.html#Hardware%20requirement

Software Requirement:

- **Linux:** Ubuntu 20.04(Recommended), Debian, Centos
- **Windows:** 64-bits

1.1 Related Information

Ezserver Forum:

<https://ezserver.createaforum.com/>

Ezserver Server API website

http://www.ezhometech.com/html/server_api.html

Ezserver Client API website:

http://www.ezhometech.com/html/client_api.html

Ezserver User Guide website:

http://www.ezhometech.com/html/ezserver_user_guide.html

Ezserver Player User Guide:

http://www.ezhometech.com/html/ezserver_user_guide_player.html

2 Installation and License activation

Windows version:

- Download ezserver_standard.zip from the checkout web page..
- Refer Readme.txt in zip file to run Ezserver.exe.
- Email us the ezserver_standard/serial_number.txt (size: 74bytes) to active ezserver license.

Linux:

- Download install.sh from the checkout web page.
- ./install.sh with installation password
- Email us the ezserver_standard /serial_number.txt (size: 74bytes) to active ezserver license.

Note: Windows version with multiple network cards

- Open ezserver_config.txt and edit network_interface value..
- network_interface value
 1. eth0: the first card
 2. eth1: the 2nd card
 3. eth2: the 3rd card.
- Delete serial_number.txt and double click Ezserver.ext to create new serial_number.txt to us for license reactivation.

3 Start / Restart / Shutdown

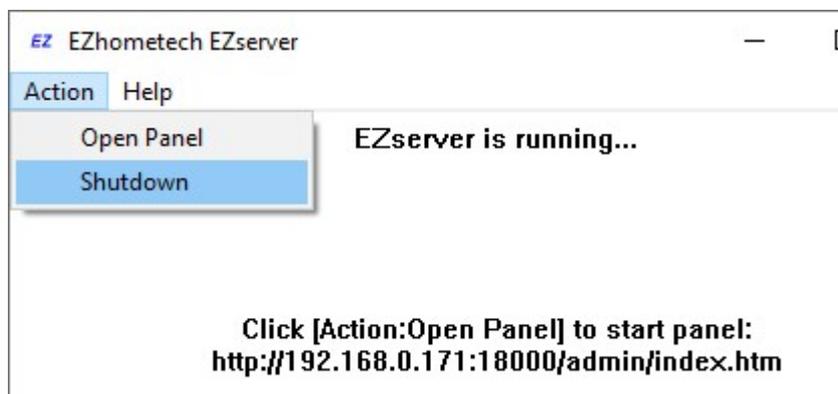
Windows version:

- Start:
 - ✧ Double Click Ezserver.exe
- Restart: Login Panel and Click the below button



wait 30~60 seconds to relogin panel.

- Shutdown:



Linux: ezserver at /home/ezserver_standard folder

- Start:
 - ✧ `cd /home/ezserver_standard`
 - ✧ `./start.sh`
- Restart:
 - ✧ `cd /home/ezserver_standard`
 - ✧ `./restart.sh`
 - ✧ or Login Panel and Click the below button

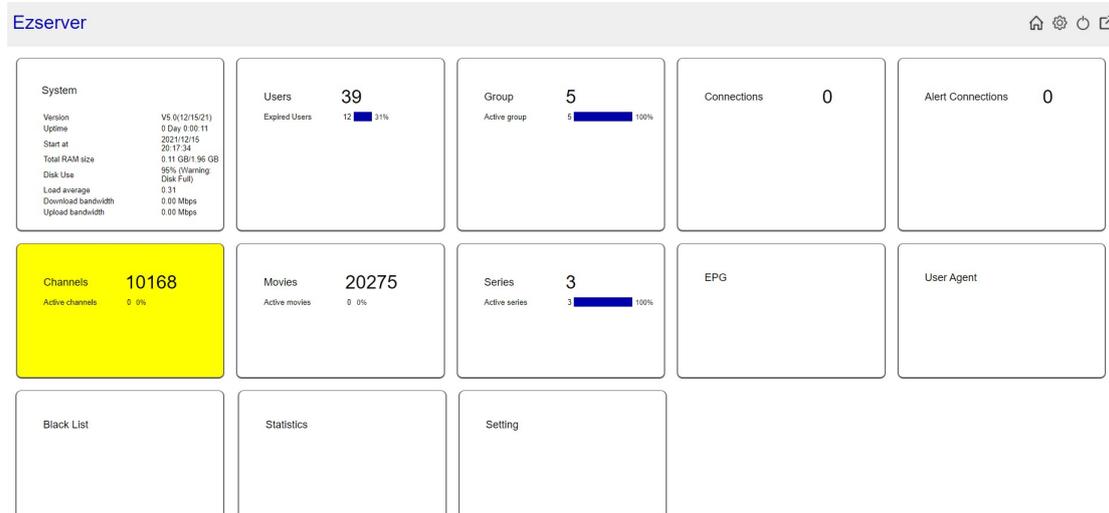


wait 30~60 seconds to relogin panel.

- Shutdown:
 - ✧ `cd /home/ezserver_standard`
 - ✧ `./shutdown.sh`

4 Administrator Panel

Input URL: **http://domain:port/admin/index.htm** in Chrome



- **User management:** create, modify and delete users.
- **Group management:** create, modify and delete groups.
- **Channel management:** create, modify, delete or import channels.
- **Movies management:** create, modify, delete or import movies.
- **Series management:** create series.
- **EPG management:** create, modify, delete or import EPG programs.
- **User Agent Protection:** Add, delete User Agent for Player protection
- **Blacklist management:** show and delete Locked IP.
- **Statistics:** show Channel and Movies watched information.
- **Setting**

Tips:

Use http:// **domain:port** instead of **http:// domain:port/admin/index.htm** in Chrome

- . open ezserver_config.txt
- . replace **startmenu=index.htm** by **startmenu=admin/index.htm**
- . open admin/index.htm
- . replace `<script src="menubar.js"></script>` by `<script src="admin/menubar.js"></script>`
- . replace `<script src="menu.js"></script>` by `<script src="admin/menu.js"></script>`
- . restart ezserver

5 IPTV Panel Setting

Add users:

- **Add annie user with max connection value 1.**

New User

User at	<input type="text" value="3"/>	User Name	<input type="text" value="annie"/>
Password	<input type="text" value="1234"/>	Rating Password	<input type="text" value="1234"/>
Group	<input type="text" value="golden"/>	Level	<input type="text" value="User"/>
Expired Time	<input type="text" value="1 month"/>	Connection Limit	<input type="text" value="1"/>
IP	<input type="text"/>	MAC ID	<input type="text"/>

6 Ezserver Player

Ezserver Player is an OTT Player that plays channels, movies and series from Ezserver via Internet.

Features:

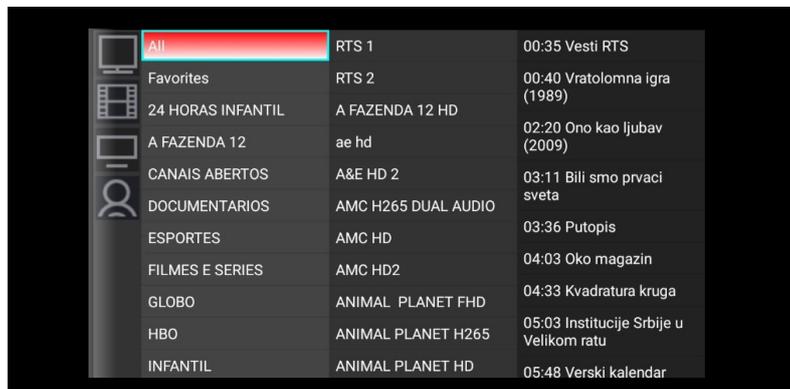
- **Support Youtube Channel and Movies**
- **Parent Control of adult content**
- **MAC ID Protection**

Hardware Requirement:

- **Min. Requirement:** Above 1.0GHz, 1GB RAM, 802.11 a/b/g/n.

Software Requirement:

- **Android 5.0+**

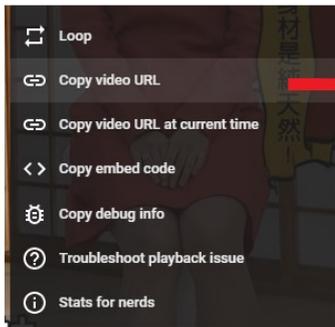


7 Youtube Links

Login Panel to add youtube links:

- Click Channel Menu and Add Channel button

Add Youtube Link



New Channel

Channel at: Channel Name:

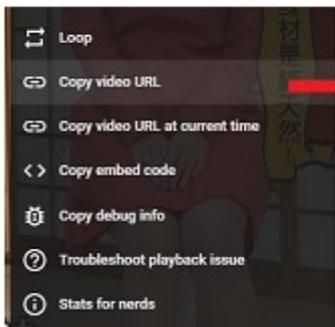
Media Source:

Icon Path:

Category: Type:

- Click Movie Menu and Add Movie button

Add Youtube Link



New Movie

Channel at: Channel Name:

Media Source:

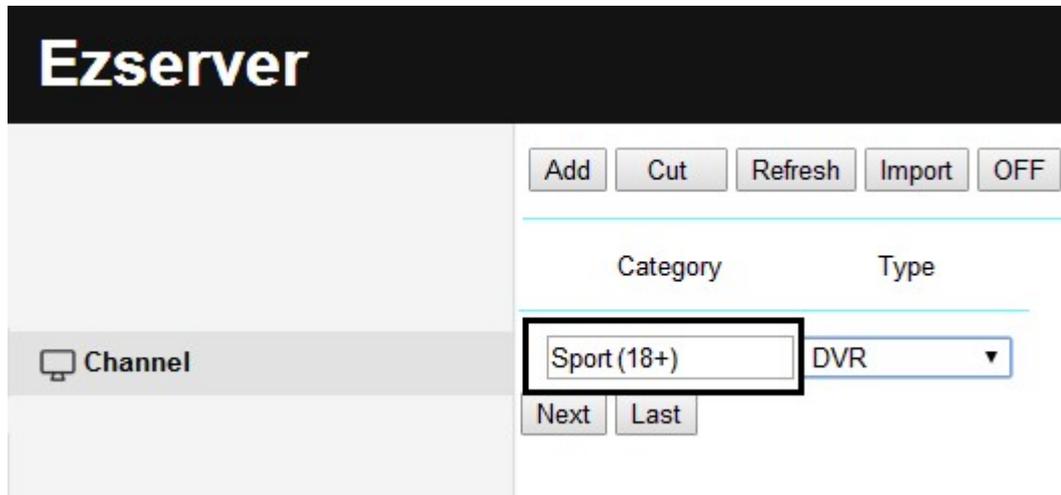
Icon Path:

Category: Type:

8 Parent Control

Panel Setting:

- Add "18+" keyword into channel and movie categories of IPTV Panel

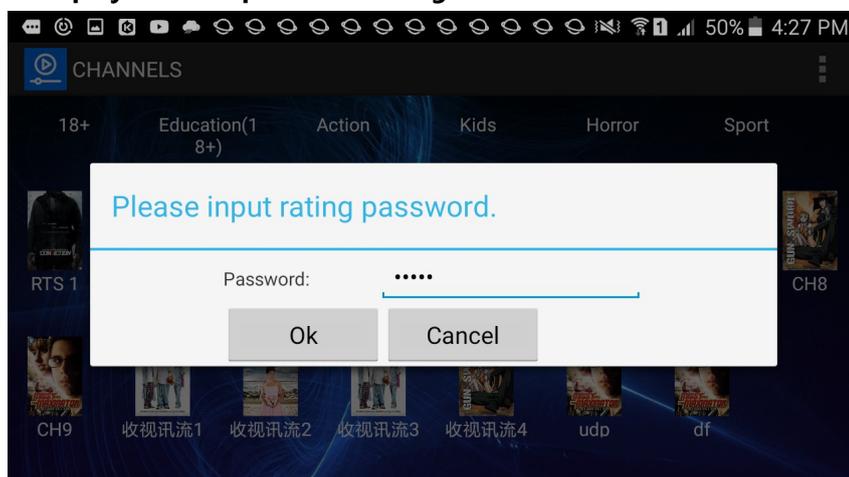


- Input rating password in user more profile as below:

User:	root
IP 2:	192.168.0.1
IP 3:	192.168.0.2
IP 4:	192.168.0.3
IP 5:	192.168.0.4
Rating Password:	marocco2
Level:	Administrator

Player Side

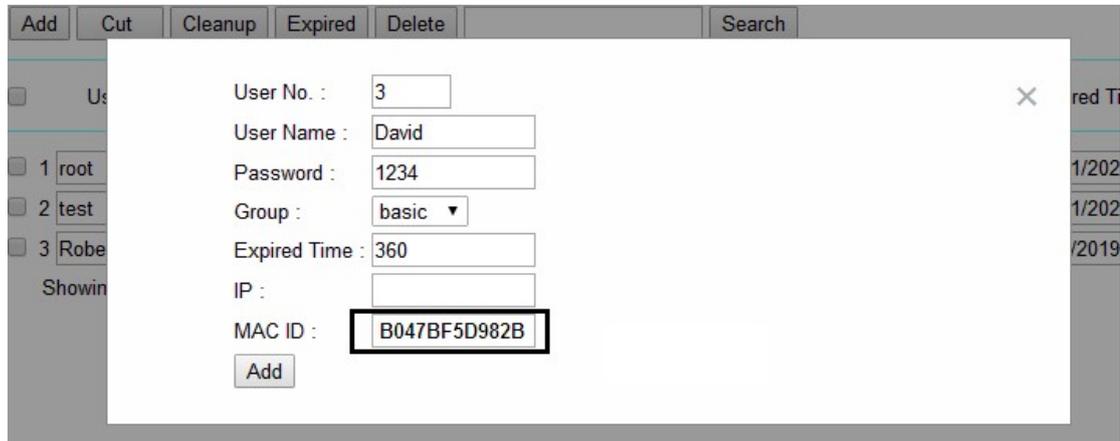
- When one player starts to play the channels or movies of the category, the player shows passowrd dialog as below:



9 MAC ID Protection

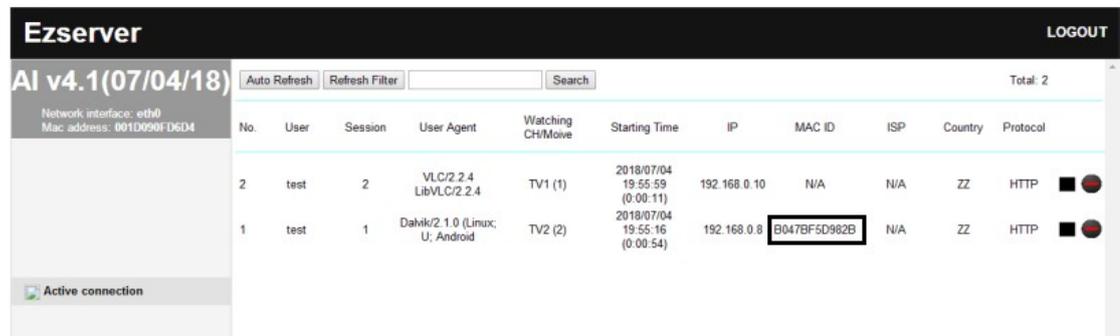
Panel Setting:

- Administrator can add new user withj MAC ID.



Add Cut Cleanup Expired Delete Search
 User No. : 3
 User Name : David
 Password : 1234
 Group : basic
 Expired Time : 360
 IP :
 MAC ID : B047BF5D982B
 Add

- When the player connects EZserver, EZserver will check its MAC Address for the legal connection. If the player has correct MAC Address with its user name, EZserver will show its connection in Player panel with its MAC Address



Ezserver LOGOUT

AI v4.1(07/04/18) Auto Refresh Refresh Filter Search Total: 2

Network interface: eth0
Mac address: 901D090FD6D4

No.	User	Session	User Agent	Watching CH/Move	Starting Time	IP	MAC ID	ISP	Country	Protocol
2	test	2	VLC/2.2.4 LibVLC/2.2.4	TV1 (1)	2018/07/04 19:55:59 (0:00:11)	192.168.0.10	N/A	N/A	ZZ	HTTP
1	test	1	Dahiki/2.1.0 (Linux; U; Android	TV2 (2)	2018/07/04 19:55:16 (0:00:54)	192.168.0.8	B047BF5D982B	N/A	ZZ	HTTP

Active connection