



EzLiveCatch v1.0 Tutorial

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1 EzLiveCatch

EzLiveCatch is a powerful yet easy-to-use streaming downloader designed to capture live TV channels and DVB streams from supported IPTV and OTT sources. It enables reliable recording for offline viewing, broadcast archiving, and VOD preparation, delivering fast, stable, and high-quality results.

Key Capabilities:

- Capture and save live streams from IPTV/OTT sources and DVB streams
- Multi-channel simultaneous recording
- Fixed schedule modes & EPG-based recording
- HTTP/HTTPS upload link support
- Flexible output formats: MPEG2/4 TS, MP4, MKV, AVI
- Import channels via M3U; Enterprise version supports DVB inputs

Requirement:

Minimum Server Requirement:

- **Windows / Linux:** Ubuntu 20.04 above
- **CPU:** 2v Core
- **RAM:** 8GB
- **Storage:** 1 TB
- **Bandwidth:** 1Gbps unmetered

Related Information:

EzLiveCatch Official website:

<http://www.ezhometech.com/>



1.1 Installation and License activation

Get checkout web page after you buy EzLiveCatch License and contact us for installation password.

Thanks your EzLiveCatch v1.0 order, please refer the below:

Support Linux : Ubuntu 20.04 LTS (Recommended), Ubuntu 16, 18, 20, 22, 24+, Debian, CentOS:

Login SSH

1. `sudo -i`
2. `cd /home && wget -O install.sh http://www.ezhometech.com/download/ezlivecatch/install.sh && chmod 777 install.sh`
3. `./install.sh`
4. Installation password: contact sales@ezhometech.com

After installation finished

1. Login Panel to copy serial number
2. Open one ticket with serial number
3. Wait for license activation

Linux:

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

1.2 Start / Restart / Shutdown

Linux Version: ezlivecatch at /home/ezlivecatch_enterprise folder

- Start:
 - `sudo -i`
 - `cd /home/ezlivecatch_enterprise`
 - `./start.sh`
- Shutdown:
 - `sudo -i`
 - `cd /home/ezlivecatch_enterprise`
 - `./shutdown.sh`

1.3 Software Update

- `sudo -i`
- `cd /home/ezlivecatch_enterprise`



- ./patch.sh
- input password
- ./restart.sh



1.4 Admin Package / Password

create admin_root package with all option for root user as below:

admin_root

all
ADULTO
BASICO
OPTIMO

<input type="checkbox"/>	User ID▲▼	Password	Package▲▼
<input type="checkbox"/>	1	root	1234
<input type="checkbox"/>			admin_root ▼

root password changed

1

2

3

<input type="checkbox"/>	User	User ID▲▼	Password	Group▲▼	Channel List	Owner
<input type="checkbox"/>	1	root	1234	golden	--	
<input type="checkbox"/>	2	Main	n1960			
<input type="checkbox"/>	3					
<input type="checkbox"/>	4	Joel	1000			
<input type="checkbox"/>	5	Jean-M	n-Michel-1975			
<input type="checkbox"/>	6	850732				



2. Admin Panel

HTTP Protocol:

Admin Panel Input URL: http://domain:panel_port

Ex. <http://192.168.0.9:18000/>

HTTPS Protocol: (Support Ubuntu 20.04 above)

Admin Panel Input URL: http://domain:https_panel_port

Ex. <http://192.168.0.9:18443/>

Setting

Output Format:

MPEG4 TS

HTTP Panel Port:

18000

HTTPS Panel Port:

18443

Channel Input Buffer No.:

9000

Channel Reconnection Interval:

16 sec.

Pagination Limit Number:

20

Save



2.1 User Management

The screenshot displays the 'User Management' section of a web application. At the top, a navigation bar includes 'Dashboard', 'Users', 'Packages', and 'DVB Adapter'. The 'Users' menu is open, showing 'Add User' and 'Manage Users' options. Below the navigation, a table lists users with columns for 'User ID', 'Password', and 'Action'. One user is listed with ID '1', username 'root', and password '1234'. Below the table is a 'New User' form with the following fields:

- User at:
- User Name:
- Password:
- Package:
- Level:
- Expired Time:
- IP:

At the bottom of the form are two buttons: 'Add' (blue) and 'Cancel' (orange).



2.2 Channel Management

2.2.1 Add new category

1. Click Category menu

The screenshot shows a web interface for channel management. At the top, there is a navigation bar with a dropdown menu, a search box containing '20', and buttons for 'Add Channel', a refresh icon, and another dropdown. Below this is a table with the following data:

Server	Bitrate(Kbps)	
ON (09:58:00)	0	
ON (09:58:00)	0	
ON (09:58:00)	0	

A context menu is open over the table, listing the following actions: Category, Mass Edit, Mass Delete, Move to, and Multi Refresh.

2. Click Add Button

The screenshot shows a 'Category' dialog box with a title bar and a close button (9). The main area contains a list of categories, each with a small image icon:

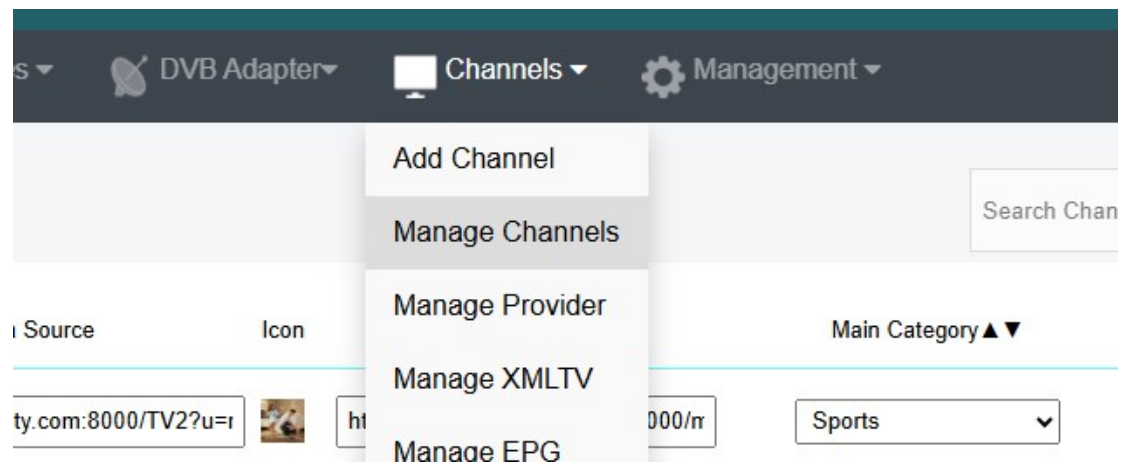
- News
- Sports
- Cartoon
- Entertainment
- Science
- love
- kids
- action
- Kids

On the right side of the list, there are three buttons: 'Add', 'Edit', and 'Del'. Below these buttons is a hand icon with a double-headed vertical arrow, indicating a drag-and-drop function. At the bottom of the dialog, there are two buttons: 'Save' and 'Cancel'.



2.2.2 Add new channel

1.



2.

New Channel

Channel at: Channel Name:

Media Source:

Icon Path:

Main Category: Type:

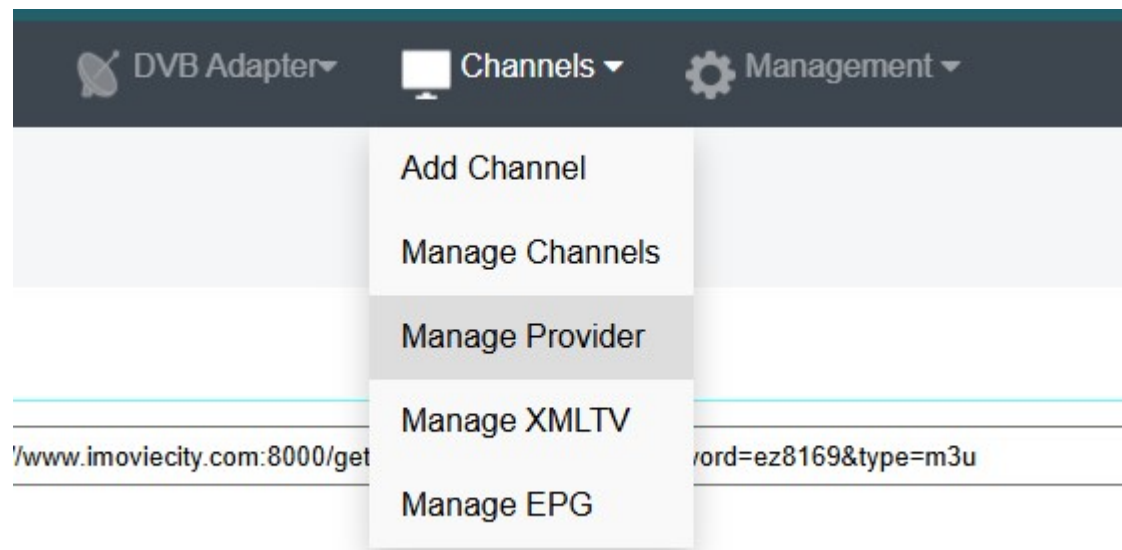
- Live
- Live
- On Demand
- Inactive

you can also add icon path after channel added as below

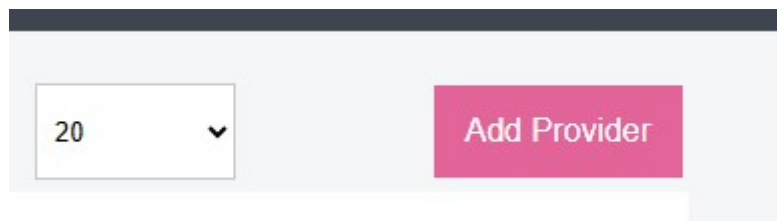


2.2.3 Import channels by m3u link

1. Click Channel: Stream Provider



2. Click Add Provider



3. Input HTTP URL and Click **Add** button

Add Provider

Provider Enabled

Channel after

HTTP URL

4. Then restart ezlivecatch by `./restart.sh` cmd in ssh console

5. if any issue after import by the above way., you can refer the below steps



- Use Chrome to download your m3u link and rename it to **new.m3u**
- Click **Choose Files** to select new.m3u and click **Submit** button.

Import Channels

Channel after Local File : No file chosen

6. if any issue after import by the above way., you can refer the below steps

- Use Chrome to download your m3u link and rename it to **new.m3u**
- Upload **new.m3u** into server **/home/ezLiveCatch_enterprise** folder
- Open **/home/ezLiveCatch_enterprise/channel_definition.xml**
- Remove all lines **except the 1st line** and save it.
- Restart ezLiveCatch by **./restart.sh** in ssh console again
- Import it again by new URL: http://ezLiveCatchIP:panel_port/new.m3u
- Login panel to check it again.

2.2.4 Daily Refresh Channel

- Add **channel_refreh=1** in **ezlivecatch_enterprise/config.txt**.
- Run **./restart.sh** to restart ezlivecatch
- Ezlivecatch will refresh all channels at 00:00 AM per day.



2.3 EPG Management

Packages ▾ DVB Adapter ▾ Channels ▾ Management ▾

▼ Query

Stop Time 11:47 Džer Nove emisije iz serijala Program

Manage EPG

There are 2 ways to add EPG to Ezhometech, one is from XMLTV URL and manual insertion.

2.3.1 XMLTV URL

Channels ▾

Add Channel
Add Created Channel
Manage Channels
Manage XMLTV
Manage EPG

1 100.0%

Add XMLTV

State

Add XMLTV

Name State

URL

Add Cancel



2.3.2 Manual insertion

Select DAILY, MONDAY, or others with Start time, then Ezlivecatch will record video by the option into local storage and insert the video into Movie menu.

New Program

Program No.	<input type="text" value="1"/>	Record by	<input type="text" value="DAILY"/>
Start Time	<input type="text" value="18:00"/>	Stop Time	
Title	<input type="text"/>	Icon URL	
Description	<input type="text"/>		

2.3.3 Download files folder

All recorded files are stored in ezserver_enterprise/tv_program_archive as below:

```
tv_program_archive
├─ 2022_01_07
│   └─ CH0002_11_34.ts
├─ 2022_01_08
│   ├── CH0002_12_45.ts
│   └─ CH0002_23_35.ts
└─ 2023_10_17
    ├── CH0001_11_40.ts
    └─ CH0001_12_10.ts
```



3

3 Auto Backup XML Database

Ezlivecatch uses XML format to store user, bouquet and content data.

- **User, Package and Content XML files**
 - ✧ users/user_profile.xml.
 - ✧ ch_config/group_definition.xml
 - ✧ channel_definition.xml
- **User, Package and Content XML Auto Backup files**
 - ✧ users/user_profile_backup.xml.
 - ✧ ch_config/group_definition_backup.xml.
 - ✧ channel_definition_backup.xml

4 Manual Backup XML Database

Ezlivecatch uses XML format to store user, bouquet and content data.

- **Backup**
 - ✧ cd /home/ezlivecatch
 - ✧ ./shutdown.sh
 - ✧ **./backup_setting.sh**
 - ✧ ls -al ezlivecatch_backup_setting.tar
 - ✧ download ezlivecatch_backup_setting.tar to local PC.
- **Restore**
 - ✧ upload ezlivecatch_backup_setting.tar to /home/ezlivecatch folder
 - ✧ cd /home/ezlivecatch
 - ✧ ./shutdown.sh
 - ✧ **./restore_setting.sh**
 - ✧ ./start.sh



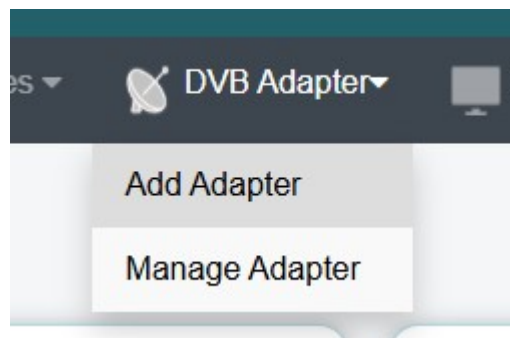
5 DVB Setting

Ezlivecatch can get Channels from DVB Tunner.

- Install card with drivers first, and check /dev/dvb folder as below

```
root@EzhometechInc ~ # ls /dev/dvb/  
adapter0 adapter1 adapter2 adapter3 adapter4  
root@EzhometechInc ~ #
```

- Add DVB adapter in Panel



- Keep Main Server
- Select one Adapter
- Input DVB options

New Adapter

Adapter Name	<input type="text" value="adapter2"/>
Server Name	<input type="text" value="Main Server"/>
Adapter Device	<input type="text" value="Adapter0"/>
Type	<input type="text" value="DVB-S"/>
Frequency (MHz)	<input type="text" value="11494"/>
Polarization	<input type="text" value="Horizontal"/>
Symbol Rate (kS/z)	<input type="text" value="22000"/>
Enabled	<input checked="" type="checkbox"/>



6 Output Format

Click Management:Setting to select output format.

Setting

Output Format:

MP4	▼
MPEG4 TS	
MPEG2 TS	
MP4	
MKV	
AVI	
18443	