

# Media Player User manual



\*\*\*\*\* REV 1.0.3 \*\*\*\*\*

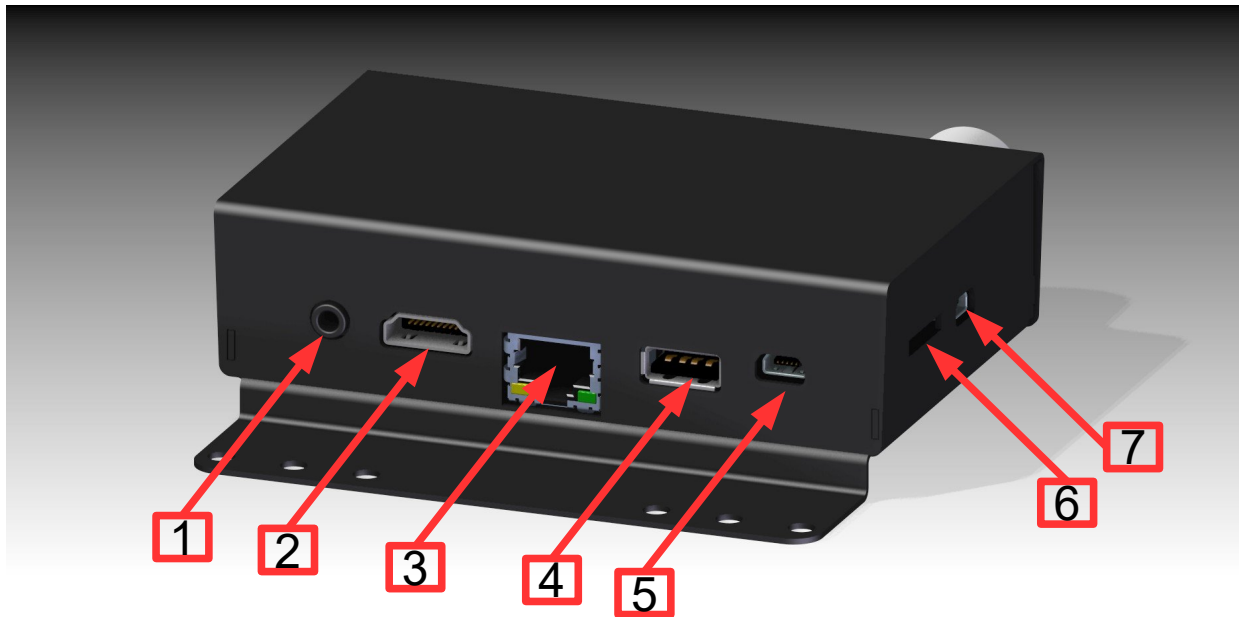
DATE	REVISION	CHANGE DESCRIPTION
26/03/14	1.0.0	Release
28/03/14	1.0.1	Added IP recovery procedure
13/10/14	1.0.2	Added SD card formatting
03/05/17	1.0.3	Added "Product Compliance" chapter

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## 1. Cable Map Overview

This document describes the connector and the interface unit available to user.



1. **AUDIO-OUT:** 3,5 mm jack for audio output
2. **HDMI:** HDMI is a compact audio/video interface for transferring uncompressed digital audio/video data from a HDMI-compliant device to a compatible digital audio device, computer monitor, video projector, and digital television. For information about the HDMI specifications refer to the HDMI standard.
3. **ETHERNET:** Ethernet 10/100 connection. This connection uses a RJ45 standard plug (8 wires)
4. **USB HOST:** is a serial communication standard that allows you to connect multiple devices to a computer.
5. **USB OTG:** the communication between devices takes place without it being requires the presence of a PC.
6. **MISCRO SD-CARD:** the Media Player supports one micro SD CARD, (non-volatile memory card).
7. **CONSOLE LINUX:** The console debug is obtained by an USB to UART Bridge. The connector used is mini AB plug directly connected to the USB;

## 2. Formatting SD card for images and videos storage

To storage the images and the videos inside the SD card the customer has to formatted the SD using FAT32 format and create inside the formatted card two directories.

Call these directories

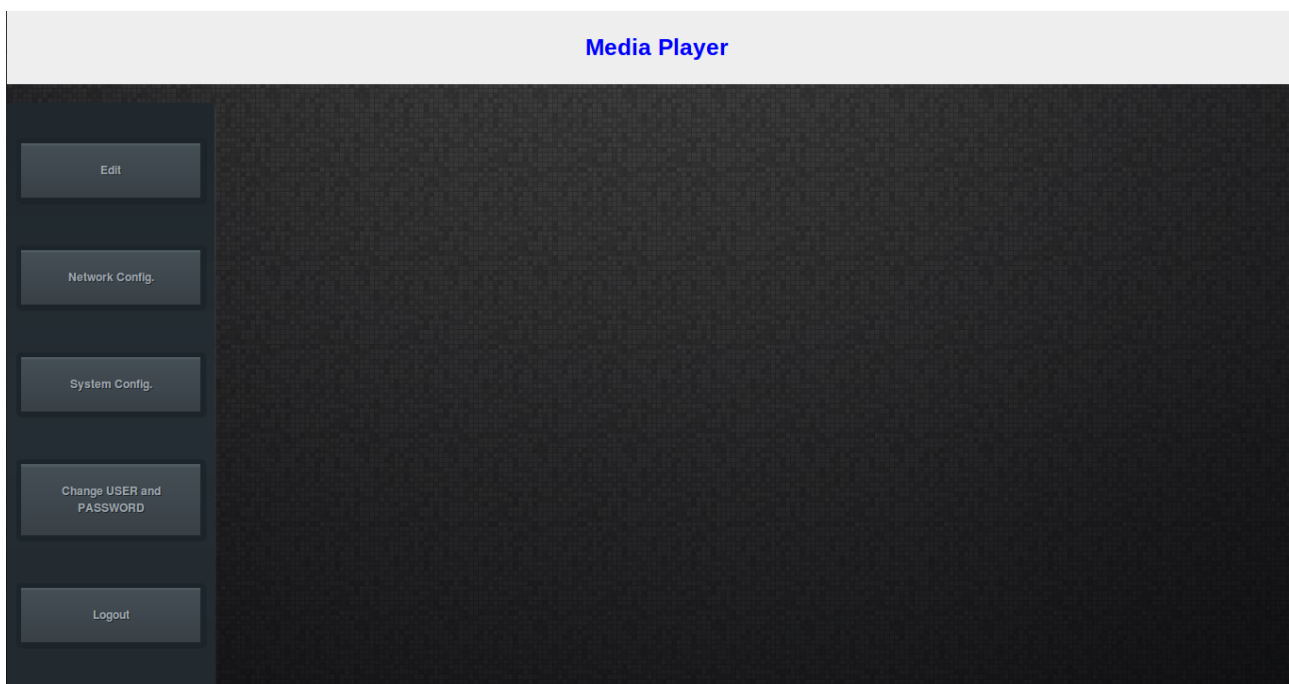
**"videos"**

**"images"**

Then insert the SD card into the Media Player's appropriate slot and power the system.

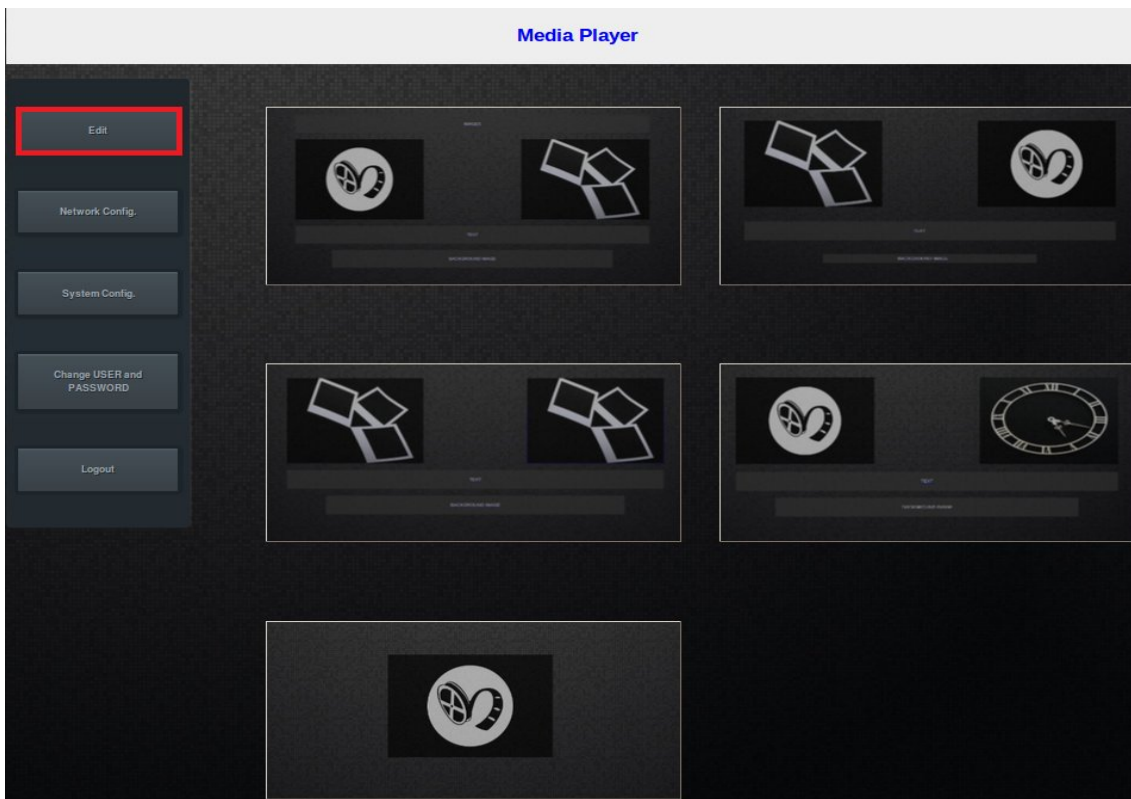
## 3. Wizard

1. Access the web server of Media Player by typing the following IP address in your browser: **192.168.2.66 (FACTORY DEFAULT)**, or the IP set by the user.
2. User: **admin**
3. password: **admin**
4. The main menu appears as follow

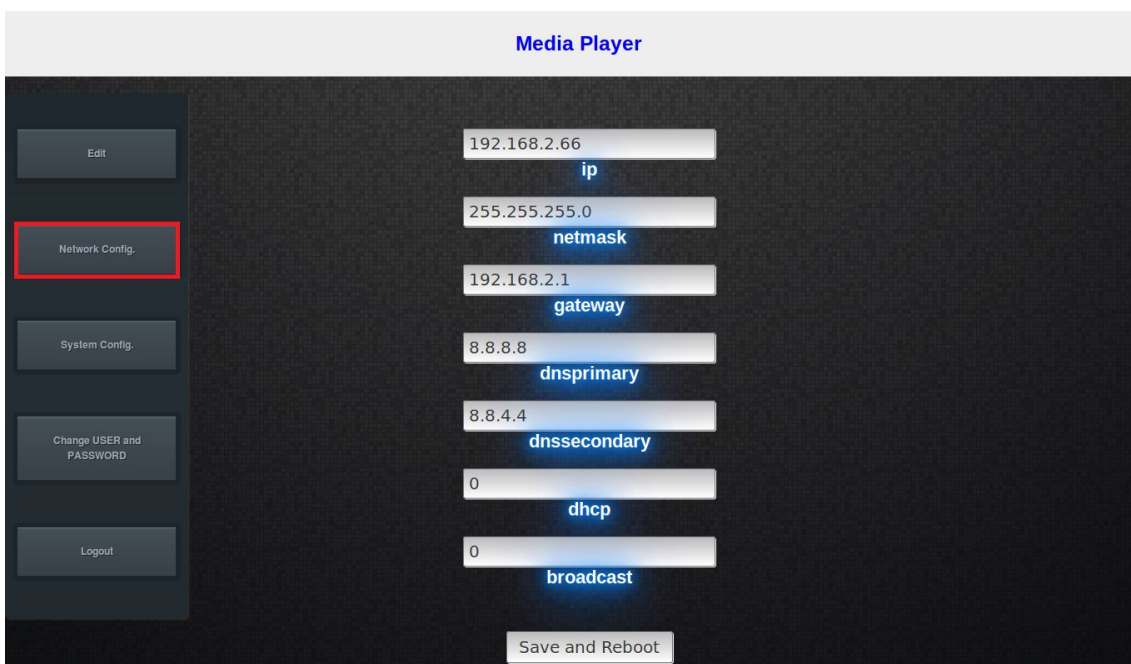


5. Using the Navbar on left side it is possible to manage the Media Player through web

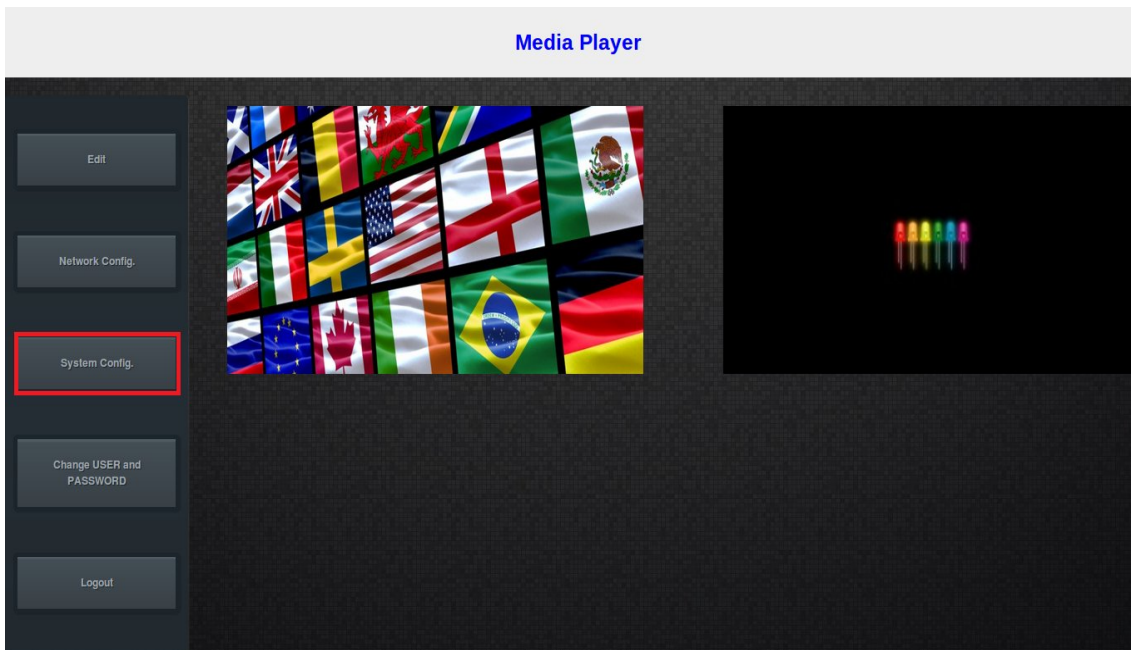
- **Edit:** through the EDIT, it is possible to choose among five different layouts to visualize on the monitor.



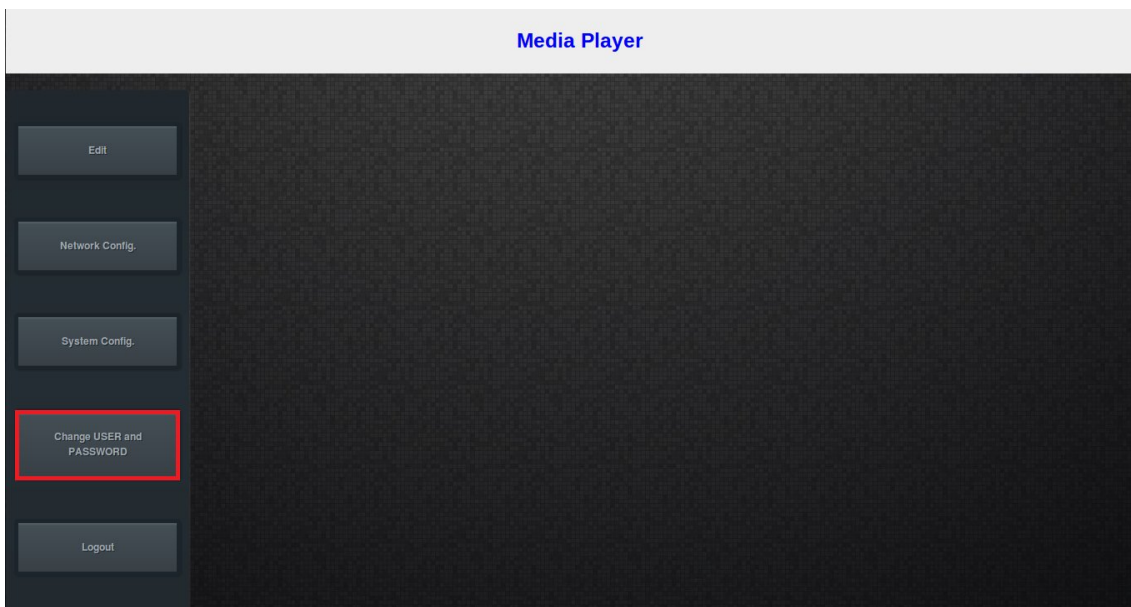
- **Network Config.:** allows you to change/set up the IP address and the other network parameters.



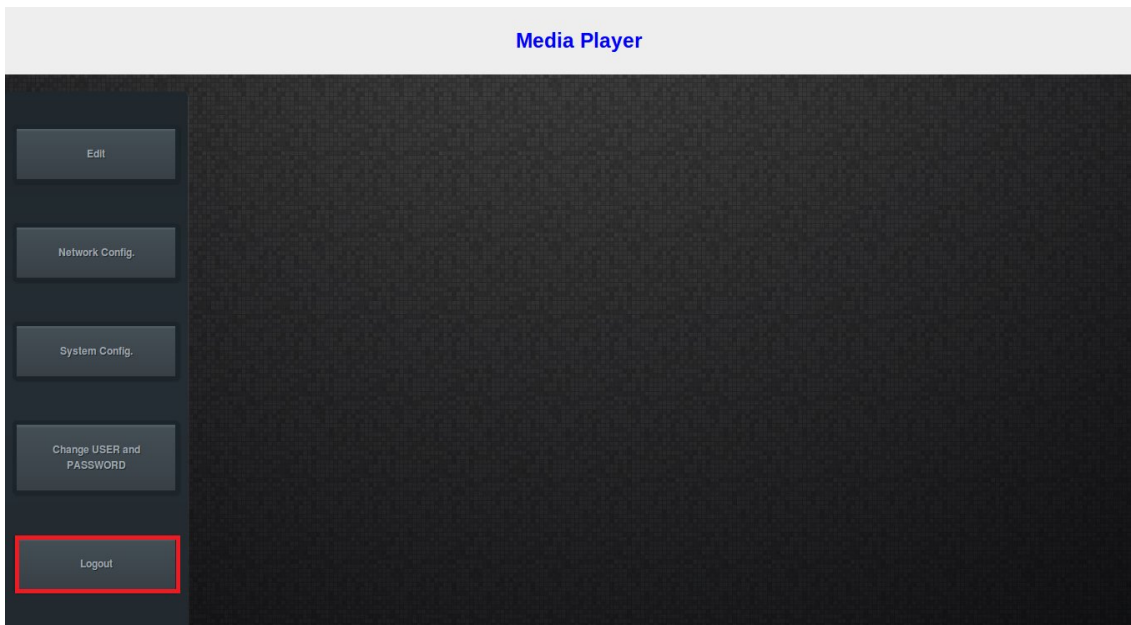
- **System Config.:** allows you to choose the language, Italian or English. You can also choose to activate or deactivate the led indicator.



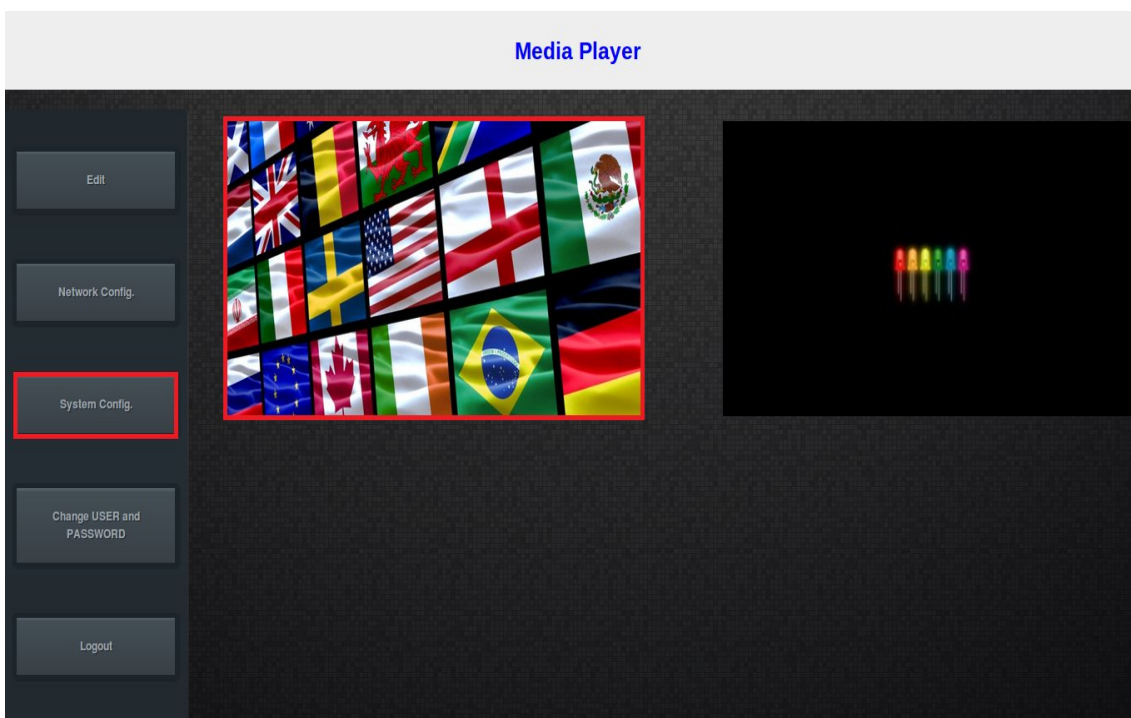
- **Change User and PASSWORD:** reset username and password for web server.



- **Logout:** exit from the configuration page. When you run the “**Logout**” the system reboot automatically.

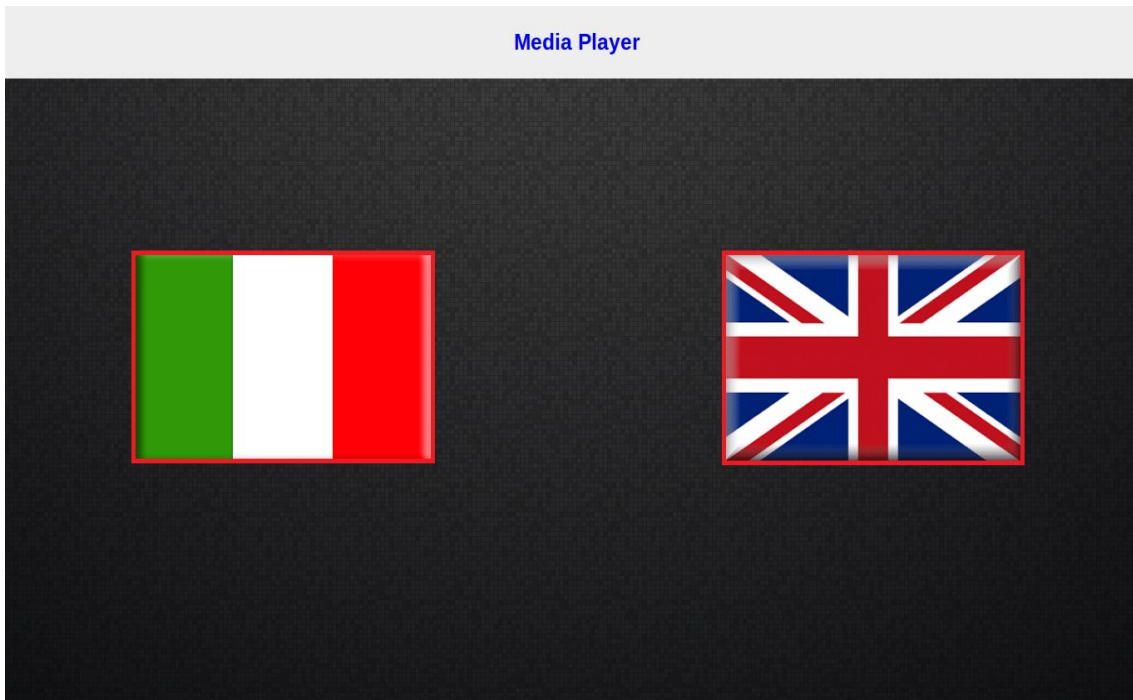


Access the menu, click on "**System Config**" and change the language of the website clicking on the image with the flags.

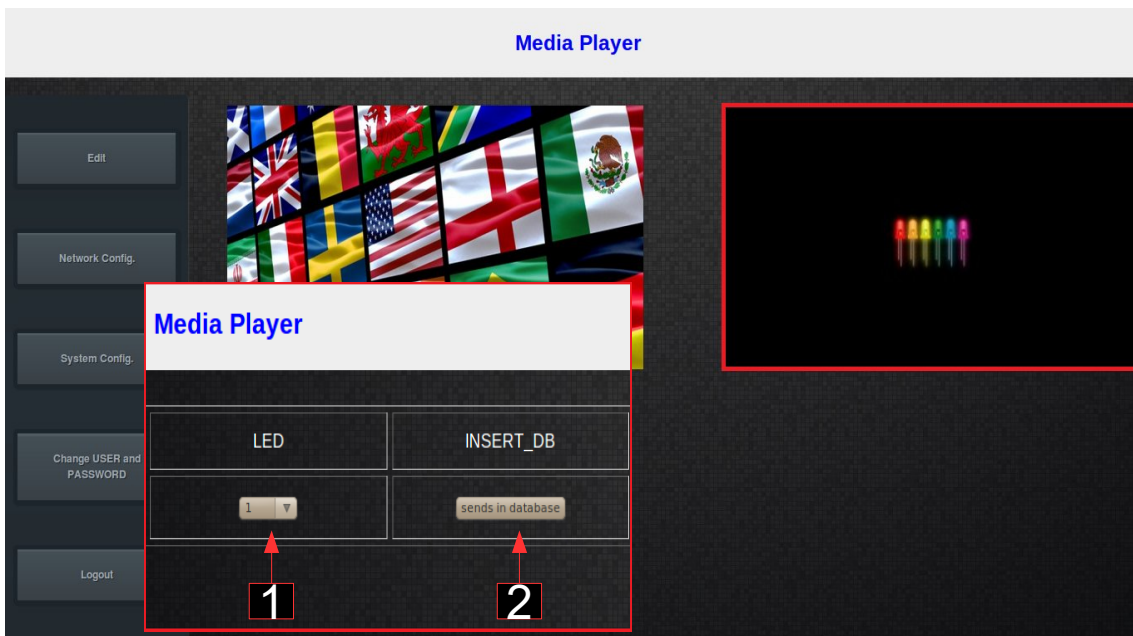




Once the choice is made, the application reloads the “**System Config**” page with the choice language translation.

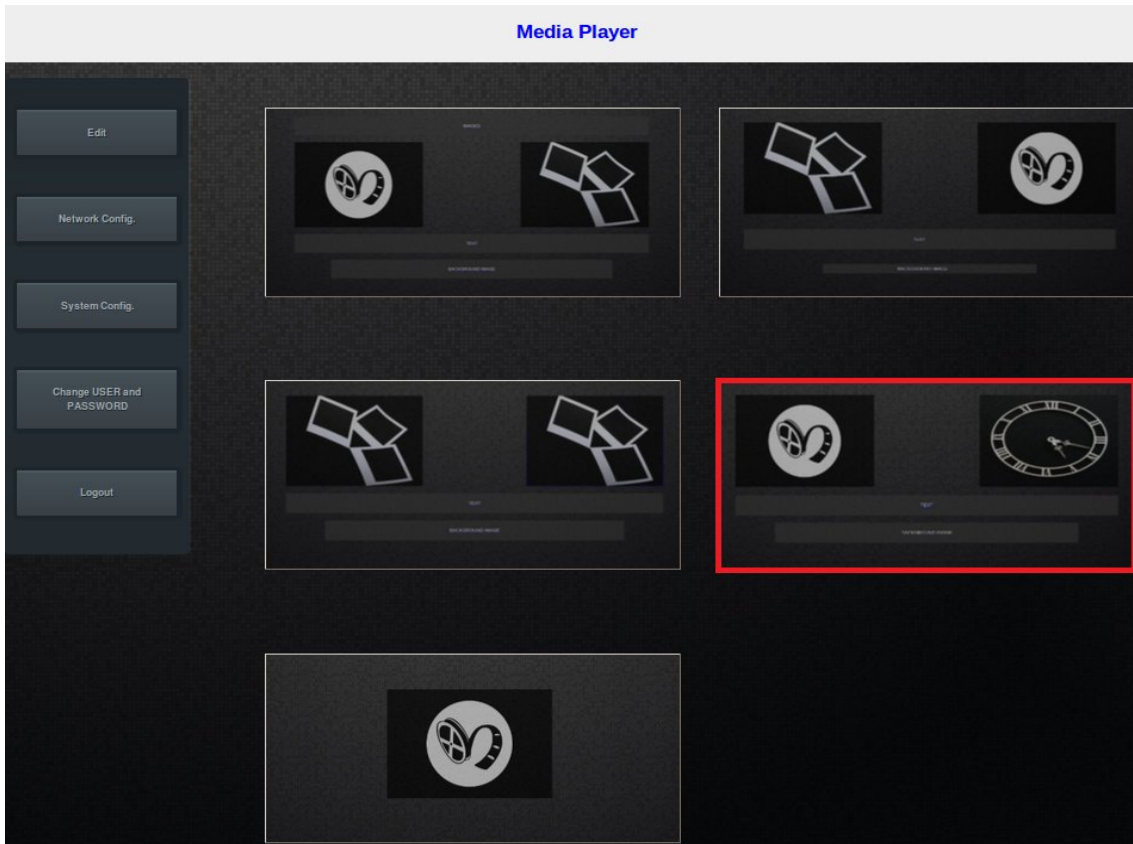


There is also possible to set the state of the led of the Media Player, clicking on the image with the led.

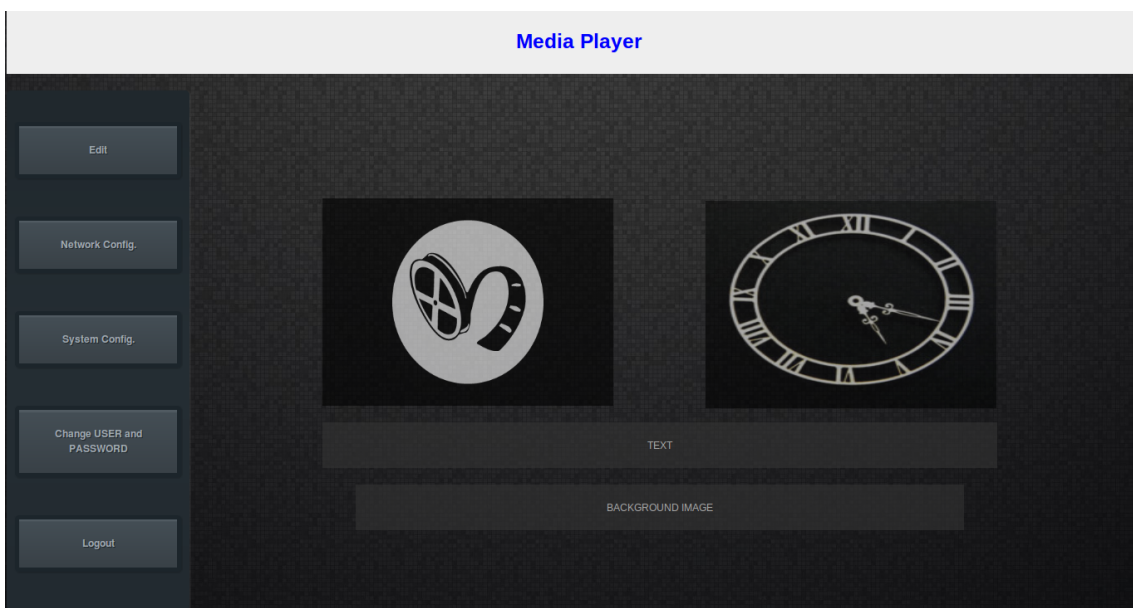


1. 1 Enable / 0 Disable.
2. Send to the database.

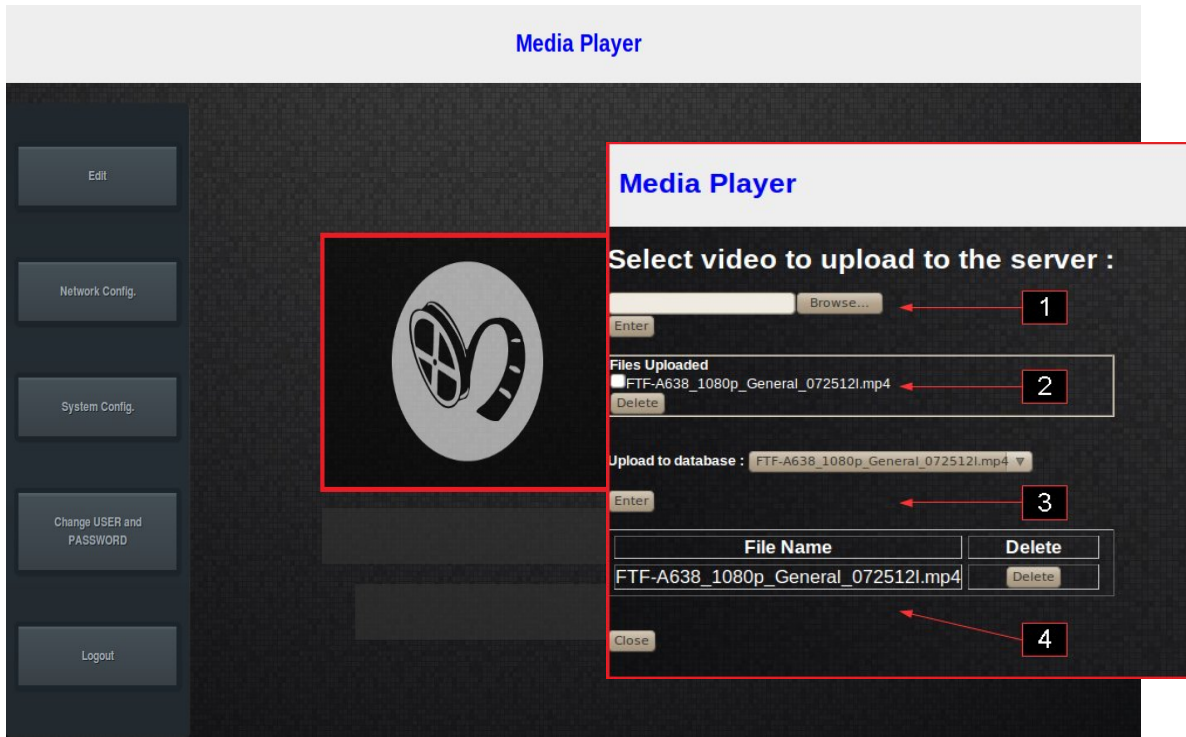
Access the menu, click on **"Edit"** to select the layout that you want to visualize on the display:



As you can see in the figure, we have decided to choose the layout with the video on the left and the clock on the right. It's also possible to edit a text and choose the colour of background of layout



Clicking on the video, a pop-up window will appear, that allows you to load the video from your computer on the server. Now the file is ready to be sent to the database where will have the access the Qt application of the Media Player.

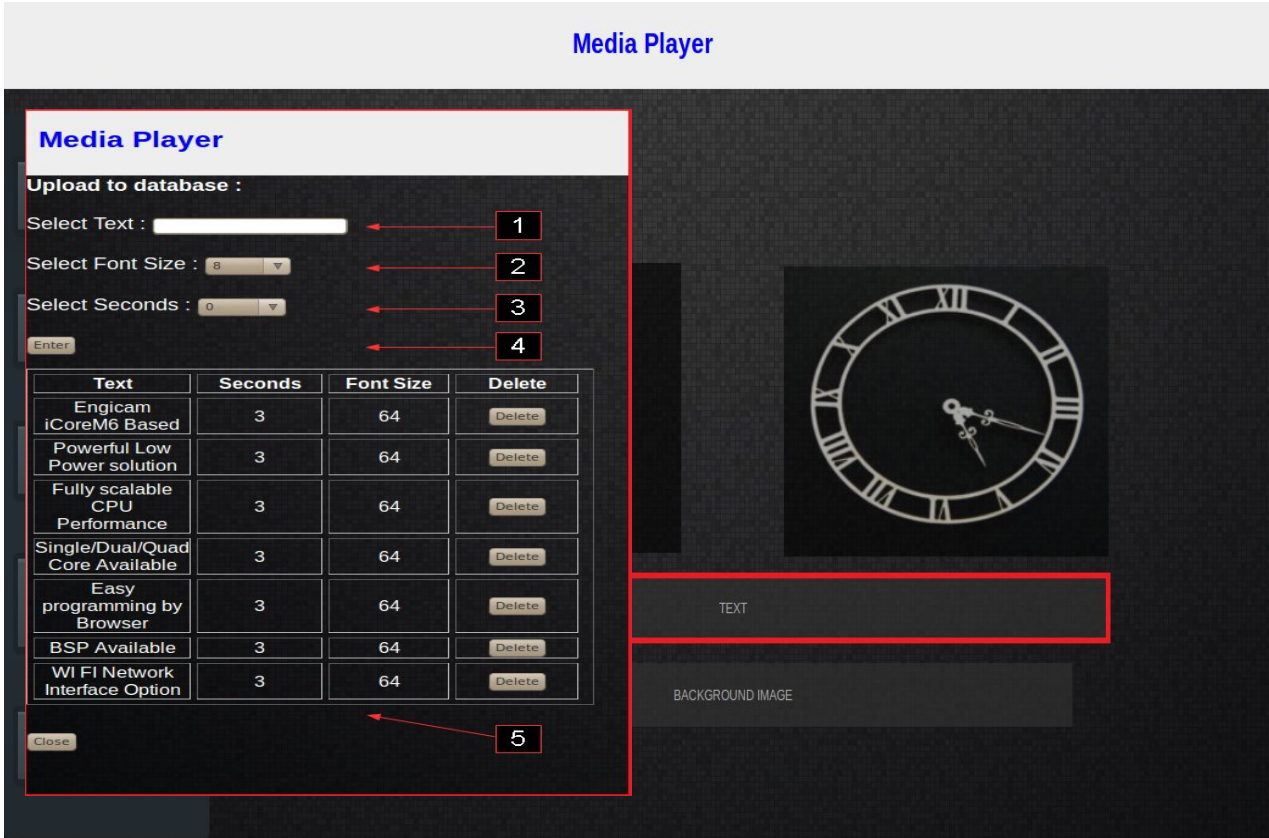


1. Select video from your PC that you want to display on the screen of the media player.
2. The file is loaded correctly on the server and is available for sending to the database.
3. Send the file to the database.
4. Contents of the database.

Click Close and exit.

Same procedure for **TEXT** and **BACKGROUND IMAGE** :

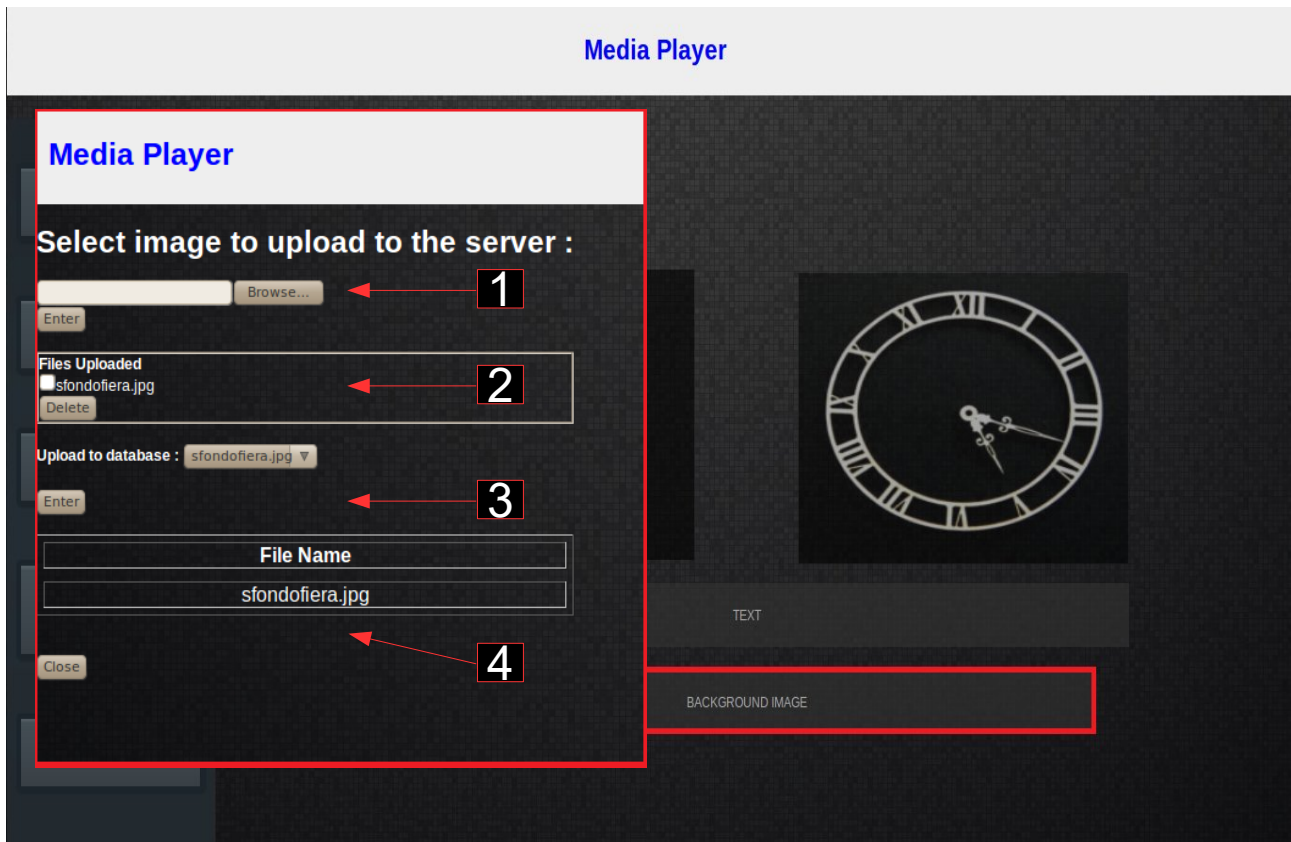
Select **TEXT** :



1. Insert text for send to the database.
2. Select FontSize of text.
3. Sets the seconds for the display image on the screen
4. Send the file to the database.
5. Contents of the database.

Click Close and exit.

Select **BACKGROUND IMAGE** :



1. Select image from your PC that you want to display on the screen of the Media Player.
2. The file is loaded correctly on the server and is available for sending to the database.
3. Send the file to the database.
4. Contents of the database.

Click Close and exit.

The procedure is the same for all the layouts and all the windows. Once you have finished the settings of the selected layout, click Logout on the web page this will restart the Media Player with your settings.

## 4. IP Recovery

Access to the "**Network Config**" Menu and set the IP address.

Once you have set up the network parameter click on "**Save and Reboot**".

If you have edited a wrong IP address, you must apply the following procedure to recovery the correct IP:

- connect the Linux console to the Media Player
- access to the terminal (using, hyperterminal, putty, or something compatible)
- access to the shell with:

**User: root**

**Password: root**

- Then run the following command to reset the IP:

**ifconfig eth0 <IP\_ADDRESS>**

Now access via web browser to the new <IP\_ADDRESS> and update the network parameter using the "**Network Config**" Menu.

Once you have edited the network parameters click on "**Save and Reboot**".

To use the new configuration, reload the browser using the <IP\_ADDRESS> just set.

## 5. Product Compliance

In order to respect own internal policy regarding the environmental regulations and safety laws, Engicam in this chapter confirms the compliant, when applicable, of its own products to the normatives ROHS and REACH and to the recognized hazards.

### **Warning!**

The current product board mounts a VL-1220/HFN Rechargeable Battery, that has the following elements included into the SVHC list:

- ***1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)***

## 6. On-line Support

We offer an on-line support to allow the customer to stay updated on the development of software release and on the enhancement of the documentation.

Following is shown the references for ENGICAM on-line support.

### 6.1 *Support*

ENGICAM Product Experts are available to answer questions via email:

**[support@engicam.com](mailto:support@engicam.com)**

### 6.2 *Disclaimer*

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