



**Intelligent AV Distribution**

**Configuring Samsung Commercial  
Displays with ZeeVee IP Streaming devices using  
UCView**

**January 14, 2021**

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## Introduction

This document describes how to properly configure ZeeVee IP streaming devices with Samsung brand Commercial Displays. Supported ZeeVee devices include the ZyPerMX4, ZyPerMX2, ZyPerMX, ZvPro and HDbridge products.

## Supported Samsung Models

The following models are known to be supported with the ZeeVee IP streaming devices: This may not be a 100% comprehensive list. As a rule, any Commercial model that supports IP streaming is supported.

### **Current Models:**

Samsung QMN, QMR, QBN and QBR series displays

## UCView



UCView is a two-part tool used to configure and display IP streams on Samsung Commercial displays. It consists of an Application that runs on the displays itself and a configuration utility that runs in the Cloud. (**Note:** Configuration utility also available as a local server)

Users should contact UCView to setup an account.

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

UCView Media Inc.  
18425 Napa St Northridge, CA 91325  
Phone: (818) 772-8255

## Samsung Commercial Display Setup

Once you have an account setup with UCView you will need to install the UCView Application on the Samsung Commercial Display. To do this you will need to access the URL Launcher menu. **(Note:** The Samsung Display must be connected to a network and have Internet access.)

Steps to access URL Launcher on Samsung Commercial Displays.

By default, the player on the Samsung QMR or QBR display is set to MagicInfo.

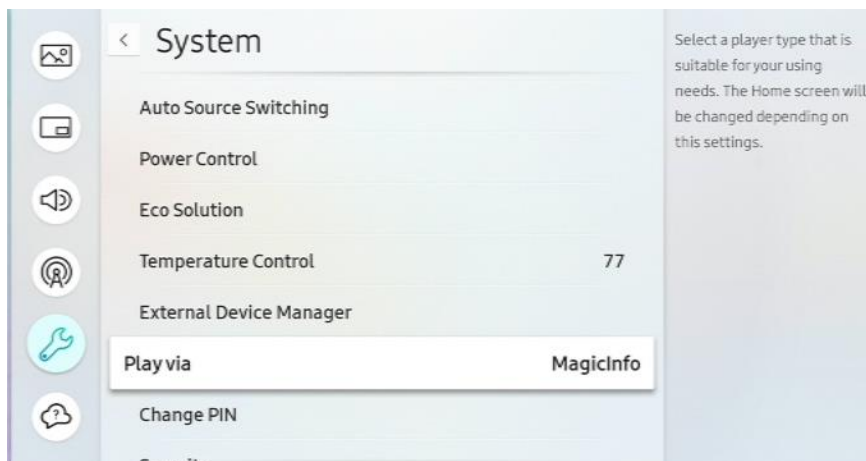


To change it to load a URL and add in a solution like UCView, you follow these steps.

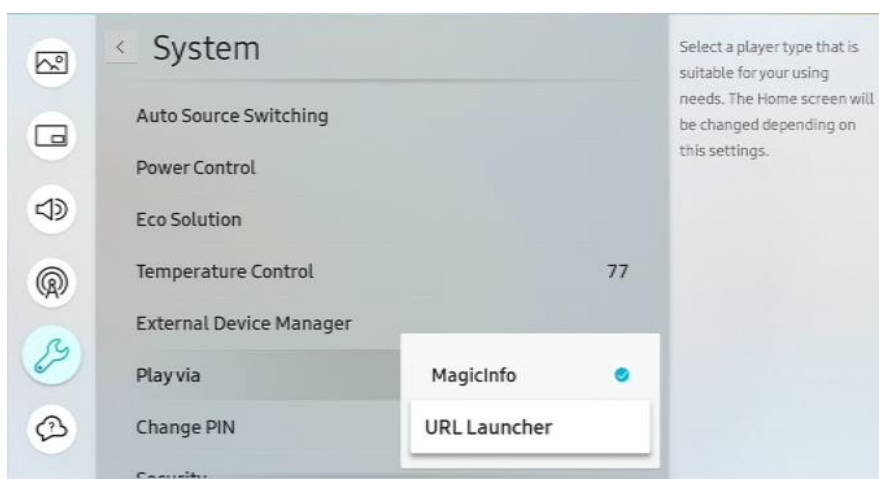
From the remote, access the menu button to come up to the Set up Onboard System Display (OSD)



From the OSD, use the arrow keys on the remote to cycle down to the System option.



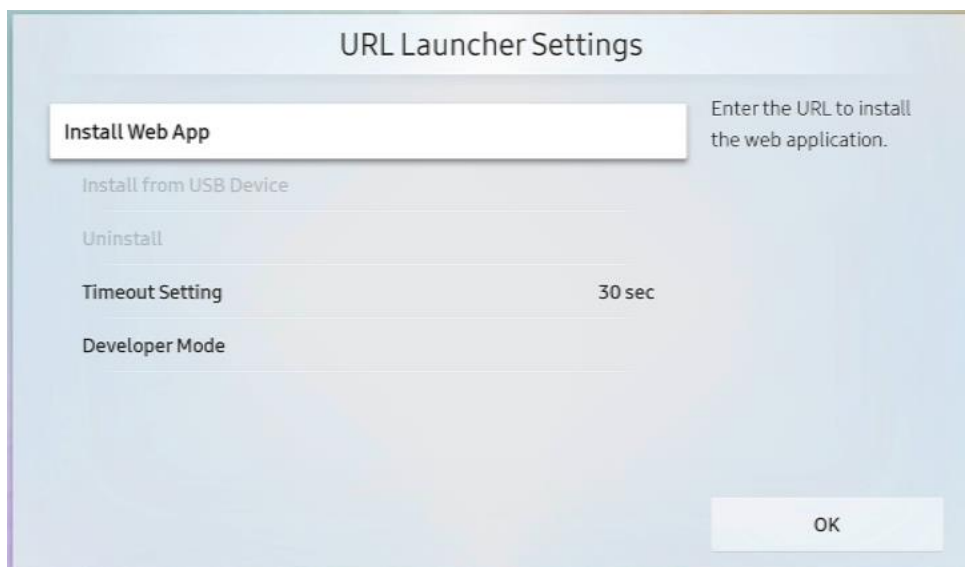
In System, you are looking for the “Play via” option.



This will allow you to select the MagicInfo embedded player, or to add it a different player like UCView via URL launcher.



From here, use the remote to select the Home button. You'll see that the player has now changed from the MagicInfo to the URL Launcher. Select the URL Launcher. You can also access the URL Launcher Settings for additional options.



Under URL Launcher, you would put in the URL that the UCView provides. Once you hit OK, the URL launcher will access the URL and download and install the UCview application.

Example: <https://yourname.ucview.com/signage/tizen>

Power off/on the Samsung display to complete the installation process.

Once installed, there is nothing else you need to do to the Samsung display itself.

## Creating an IP Channel

Once the UCView Application is installed on the Display you can create channels to stream to the Display using the UCView cloud-based utility and the ZeeVee streaming encoder hardware.

You will need the stream **Transport** type; **Stream IP** and **Stream Port** information obtained from the ZeeVee hardware. Below is an example showing this information on a ZyPerMX2.

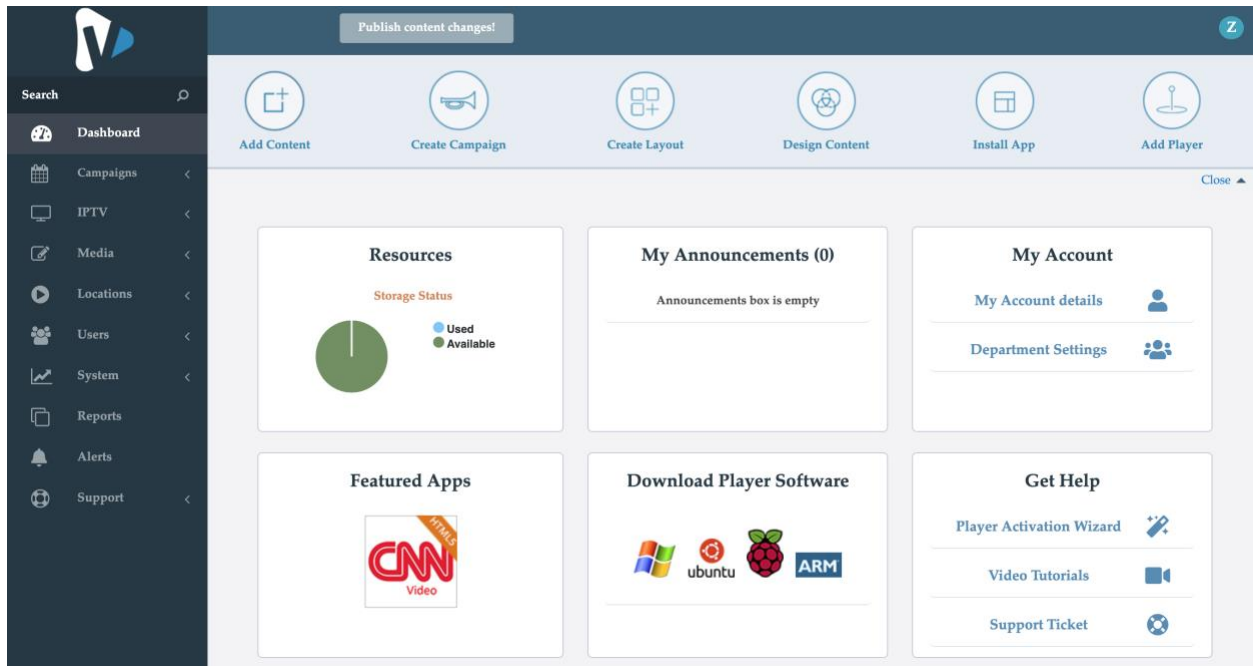
The screenshot shows the ZeeVee IP Streaming configuration page. At the top, there's a navigation bar with tabs: Status, Channel Plan, IP Streaming (selected), SSL/RTMP, AV Source, Device, Network, STB, EAS Config, Admin, Support, and About. Below the navigation bar, there's a header section with '1 connected' and a table of active values. The main table has columns: System, Slot, Port, Enabled, Transport, Stream IP, Stream Port, Prog #, Name, Encryption, High Bitrate, Low Bitrate, Low Resolution, and Stream URL. Two channels are listed for the 'ZyPerMX2' system. Red arrows point from labels 'Transport Type', 'Stream IP', and 'Stream Port' to the respective columns in the table.

System	Slot	Port	Enabled	Transport	Stream IP	Stream Port	Prog #	Name	Encryption	High Bitrate	Low Bitrate	Low Resolution	Stream URL
ZyPerMX2	1		Enabled	RTP	229.1.1.12	1234	1	one	disable	6	3	720p30	N/A
	2		Enabled	RTP	225.1.1.13	1234	2	two	disable	6	3	720p30	N/A

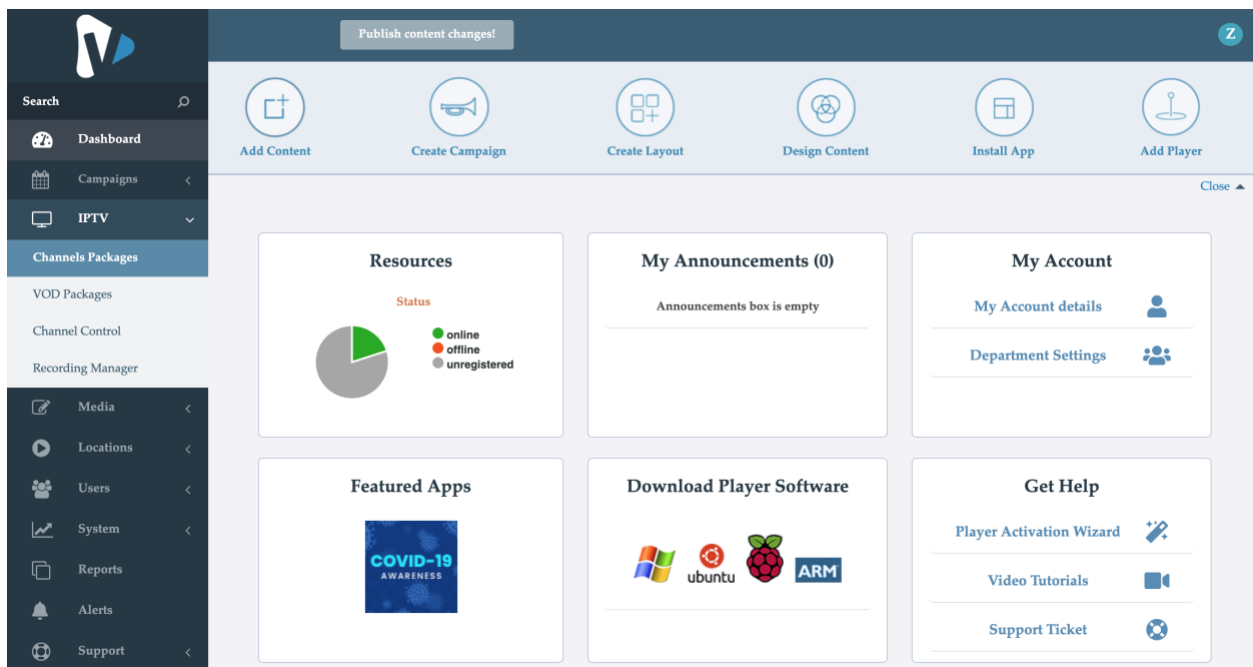
## UCView Configuration

The information provided in this document provides basic information about setting up channels to stream to the Samsung Display. Users should contact UCView to learn more advanced features such as Digital Signage configuration and screen layout options.

Start by logging into your UCView account and going to the Dashboard screen.



On the left-hand side, you will want to select the IPTV option.



Click on Channel Packages and then “Create package” to create your first channel package.

**Packages: Create package...**

Detail

Name:

Select package type: Streaming Package ▼

Next Cancel

The package “ZeeVee test” has been created and shown below:

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Publish content changes!

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**Channels Packages**

VOD Packages

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Add Content

Create Campaign

Create Layout

Design Content

Install App

Add Player

Create package

List of packages

Running Package Paused Package Deleted Package

X	S	Name	Package Type	Channels
<input type="checkbox"/>		ZeeVee test	Streaming	2...

Previous 1 Next

Pause Delete

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Now you will want to add channels to you channel package.



Click into the package by clicking on the package name. In this example click on “ZeeVee test”.










Package settings

Packages ▸ ZeeVee test (Streaming)

Add channel or content

Running content  

X	Logo	Name ⌵	Description ⌵	Media ⌵	 ⌵	Updated by ⌵	Publish Date ⌵
<input type="checkbox"/>	 	Test Channel 1	test Channel	Live TV		zeevee	Dec 23, 2020 10:46:37 AM
<input type="checkbox"/>	 	Test Channel 2	Channel 2	Live TV		zeevee	Dec 23, 2020 10:46:37 AM

Previous 1 Next

Pause Delete

Example above shows the Package “ZeeVee test” with two created streaming channels. To create a new channel, click the “Add channel or content” button.

Packages ▸ ZeeVee test ▸ Add new Streaming content...

Detail

Name:

Description:

---

Media:  ⌵

Video input:  ⌵

Streaming URL:

Volume:  (0-100)

Save Cancel

This is where you will enter the information obtained from the ZeeVee hardware.

ZeeVee examples for 2 channels are shown below:

Add channel or content
Pause
Delete

### Packages ▸ ZeeVee test ▸ Test Channel 1 *(Streaming)*

Detail

Name: Test Channel 1

Description: test Channel

---

Media: Live TV ▼

Video input: Streaming ▼

Streaming URL: rtp://229.1.1.12:1234

Volume: 50 (0-100)

Recording: ☐

Save Cancel

Streaming transport = “RTP”; Stream IP = “229.1.1.12”; Port = “1234”

Note: Both RTP and UDP streaming formats are supported. Type in whatever option you choose with the ZeeVee encoder hardware.

Fill in the “Streaming URL:” field using example shown above.

Once completed, be sure to SAVE your settings.

Add channel or content
Pause
Delete

## Packages ▸ ZeeVee test ▸ Test Channel 2 *(Streaming)*

Detail

Name:
Test Channel 2

Description:
Channel 2

---

Media:
Live TV ▼

Video input:
Streaming ▼

Streaming URL:
rtp:/ /225.1.1.13:1234

Volume:
50 (0-100)

Recording:
☐

Save
Cancel

Streaming transport = “RTP”; Stream IP = “225.1.1.13”; Port = “1234”

Above shows setting example for channel #2.

Once you have created and saved all of your channels it is important to “Publish” all your updates/changes. Click the “Publish content changes!” button at the top of the screen.

**Publish content changes!**

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Create Campaign

Create Layout

Design Content

Install App

Add Player

Add channel or content

Pause

Delete

Packages ▶ ZeeVee test ▶ Test Channel 2 (Streaming)

Detail

Name: Test Channel 2

Description: Channel 2

Media: Live TV

Video input: Streaming

Streaming URL: rtp://225.1.1.13:1234

Volume: 50 (0-100)

Recording: ☐

Layout: Suns IPTV

IPTV Ad Type

Sorry this content Media type can only be played on players - preview is not available!

Save

Cancel

Once the channels created and published they can be viewed on the Samsung Commercial Displays. The remote control can be used to channel up/down between channels.

### Important Notes:

1. The IP streams provided by the ZeeVee encoders reside on the local network. They cannot be shared over the Internet.
2. The Samsung Commercial displays must be on the same local network as the ZeeVee encoders.
3. The Samsung Commercial displays must have Internet access in order to get the stream channel information from the UCView server.