



Intelligent AV Distribution

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

December 30, 2020

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Introduction

This document describes how to properly configure ZeeVee IP streaming devices with Samsung brand Hospitality 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 Hospitality model that supports IP streaming is supported.

Current Models:

NJ690U Series – Example HG43NJ690UF

NT690U Series – Example HG43NT690UF

UCView



UCView is a two-part tool used to configure and display IP streams on Samsung Hospitality displays. It consists of an Application that runs on the displays itself and a configuration utility that runs in the Cloud.

Users should contact UCView to setup an account.

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

UCView Media Inc.

18425 Napa St Northridge, CA 91325

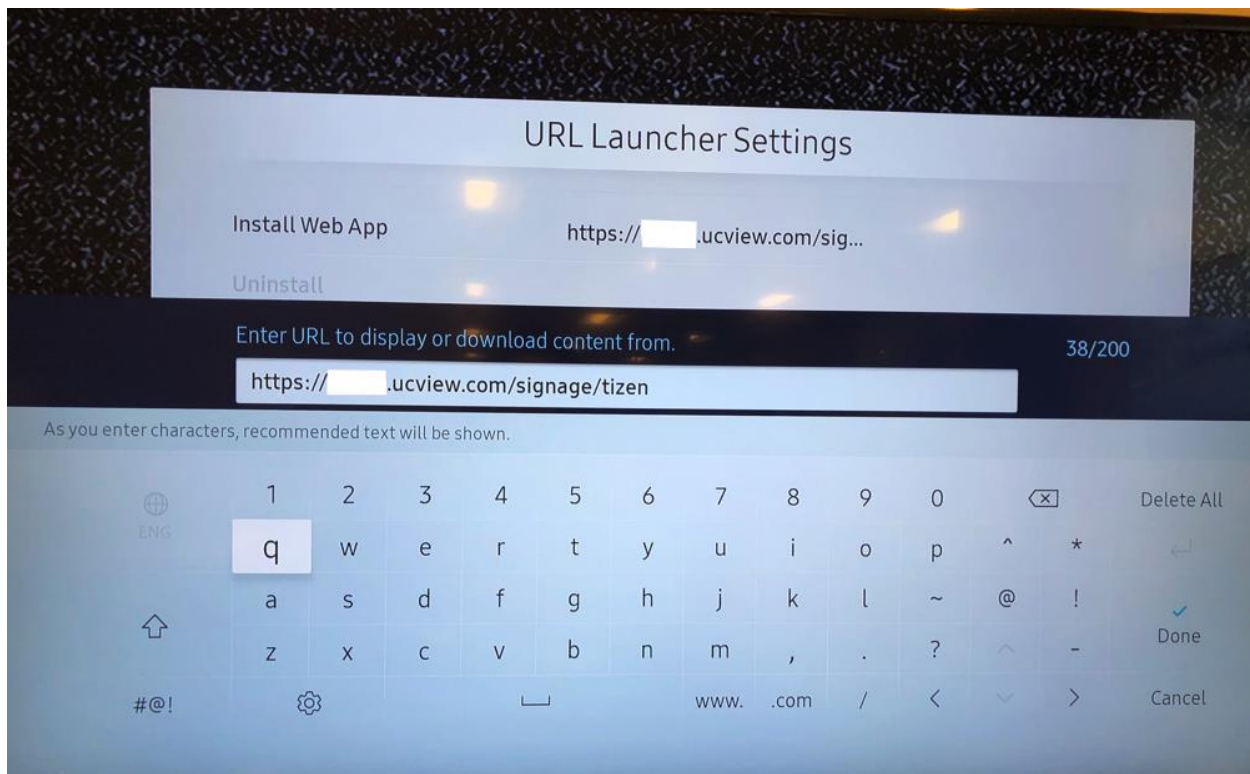
Phone: (818) 772-8255

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

Steps to access URL Launcher on Samsung Hospitality Displays.

1. Power off the Samsung Display using remote control
2. Press the following buttons on the remote control in order: "Mute, 1, 8, 2"
3. Power on the Samsung Display via the power button on remote control
4. This will take you to a hidden menu.
 - a. Select "Control"
 - b. Select "Hotel Option"
 - c. Select "H.Browser Solution"
 - d. Select "H.Browser Mode = On"
 - e. Select URL Launcher Setting

At this point use the remote control to enter the address of the UCView application installer provided by UCView.



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.

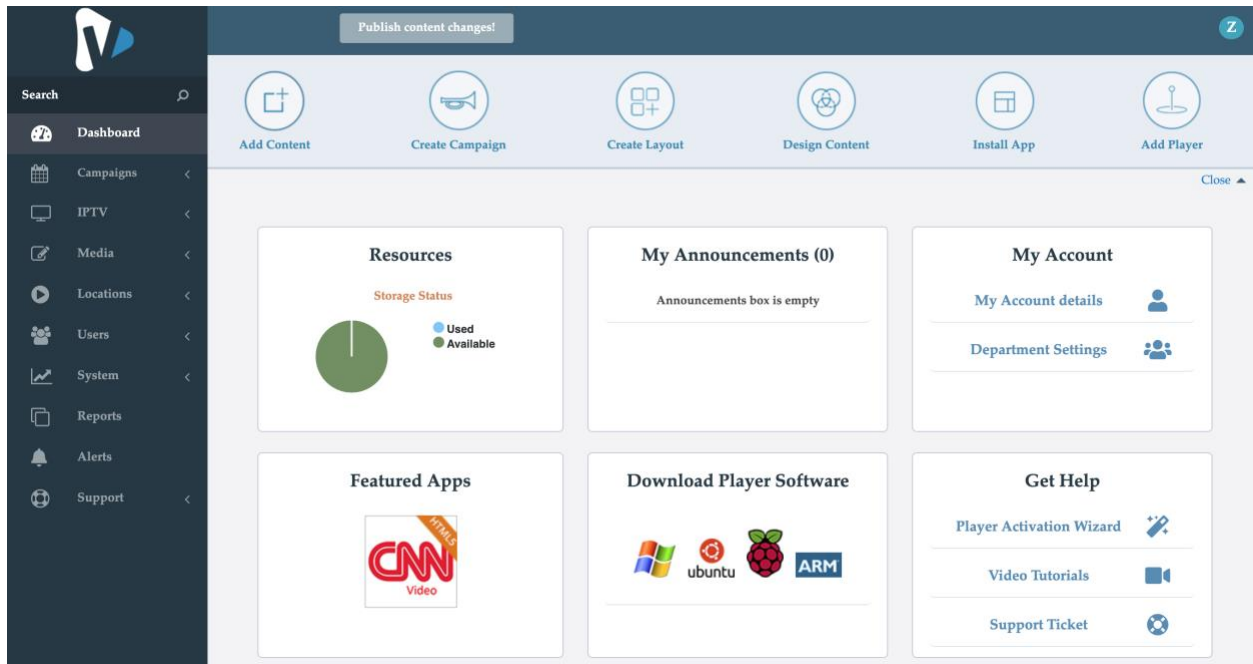
The screenshot shows the ZeeVee IP Streaming configuration page. At the top, there's a header with the ZeeVee logo, 'Intelligent AV Distribution', and user information: 'Headend: Unnamed, No location', 'User Name: admin', and a 'Logout' button. Below the header is a navigation bar with tabs: Status, Channel Plan, IP Streaming (selected), SSL/RTMP, AV Source, Device, Network, STB, EAS Config, Admin, Support, and About. The main content area shows '1 connected' and a table of channels. The table has columns: System, Slot, Port, Enabled, Transport, Stream IP, Stream Port, Prog #, Name, Encryption, High Bitrate, Low Bitrate, Low Resolution, and Stream URL. There are two channels listed for the 'ZyPerMX2' system. Red arrows point from labels 'Transport Type', 'Stream IP', and 'Stream Port' to the 'Transport', 'Stream IP', and 'Stream Port' columns respectively.

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

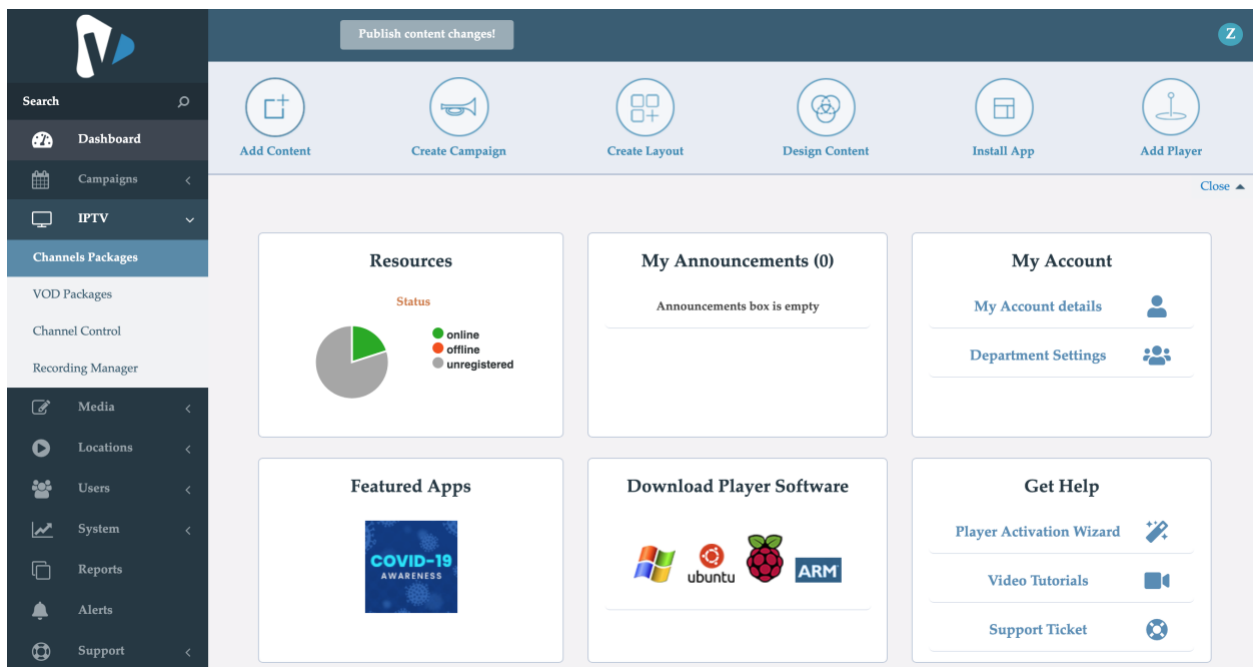
UCView Configuration

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!

Search

Dashboard

Campaigns

IPTV

Channels Packages

VOD Packages

Channel Control

Recording Manager

Media

Locations

Users

System

Reports

Alerts

Support

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!

Search

Dashboard Campaigns IPTV Channels Packages VOD Packages Channel Control Recording Manager Media Locations Users System Reports Alerts Support

Add Content 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: rtsp://225.1.1.13:1234

Volume: 50 (0-100)

Recording: ☐

Layout: Suns IPTV

IPv4 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 Hospitality 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 Hospitality displays must be on the same local network as the ZeeVee encoders.
3. The Samsung Hospitality displays must have Internet access in order to get the stream channel information from the UCVIEW server.