Configuring Samsung Commercial Displays with ZeeVee IP Streaming devices using UCView

January 14, 2021

Table of Contents

Introduction ................................................................................................................................. 2
Supported Samsung Models ....................................................................................................... 2
UCView ................................................................................................................................... 2
Samsung Commercial Display Setup ......................................................................................... 3
Creating an IP Channel ........................................................................................................... 6
UCView Configuration ............................................................................................................. 6
Important Notes: ...................................................................................................................... 12
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 UCVie you will need to install the UCVie 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 UCVie, 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 UCVview 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.

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.

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

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

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

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

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

ZeeVee examples for 2 channels are shown below:
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.
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.
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.