

Setting up a TeraDek encoder to work with SAFARI Montage® SVS and Digital Signage

Additional Licenses

Make sure you have the following license from Teradek installed:

- RTP Push

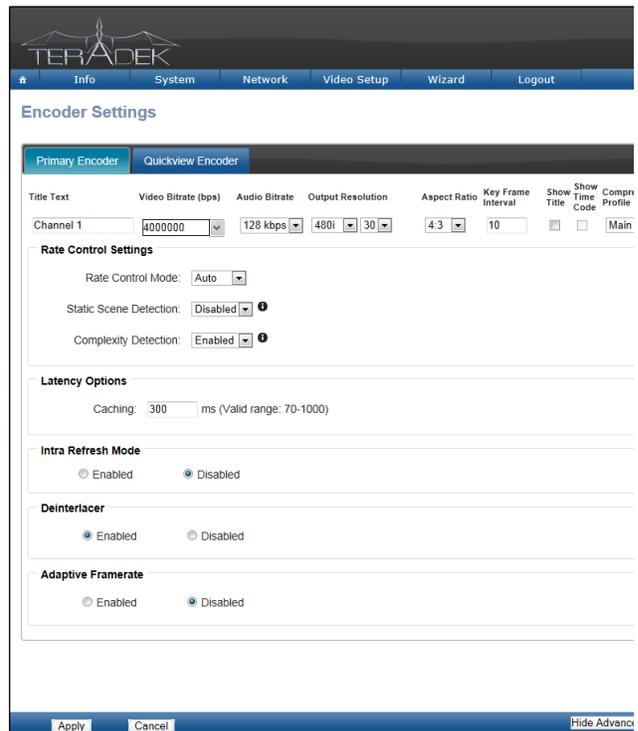
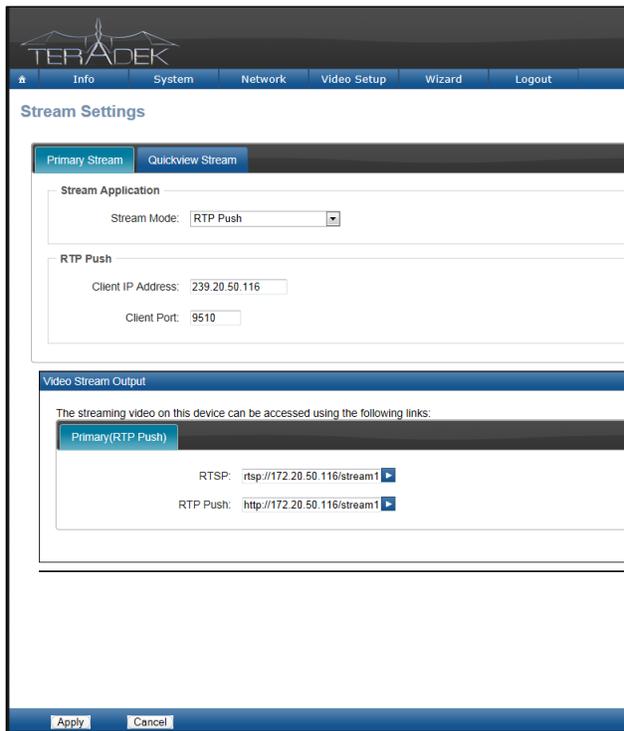
This is a free license. Email support@teradek.com to request the license. Include the serial number and MAC address of the unit in the email.

Configuring the Encoder

To configure the encoder for use with SAFARI Montage SVS and Digital signage, perform the following:

1. Access the TeraDek encoder's web UI.
2. Navigate to **Video Setup > Stream Settings**.
3. Under **Stream Application > Stream Mode**, select **RTP Push** from the drop down list.
4. Under **RTP Push > Client IP Address**, input a valid multicast address.
5. Click on the **Apply** button.
6. Navigate to **Video Setup > Encoder Settings**.
7. Set the **Video Bitrate** to **4Mbps**.
8. Set the **Audio Bitrate** to **128 kbps**.
9. Set the **Output Resolution** to **480 (480i)**.
10. Set the **Aspect Ratio**.
11. Set the **Key Frame Interval** to **10**.
12. Set the **Compression Profile** to **Main**.
13. Under **Deinterlacer**, select **Enable**.
14. Click the **Apply** button.
15. Click on the **Home** icon to return to the main UI interface.

Unit is ready for use with SAFARI Montage SVS and Digital Signage.



Using the Encoder

The encoder provides the following two streams for use:

- Multicast - `rtsp://<encoder address>/stream1`
- Unicast - `http://<encoder address>/stream1.sdp`

SAFARI Montage SVS

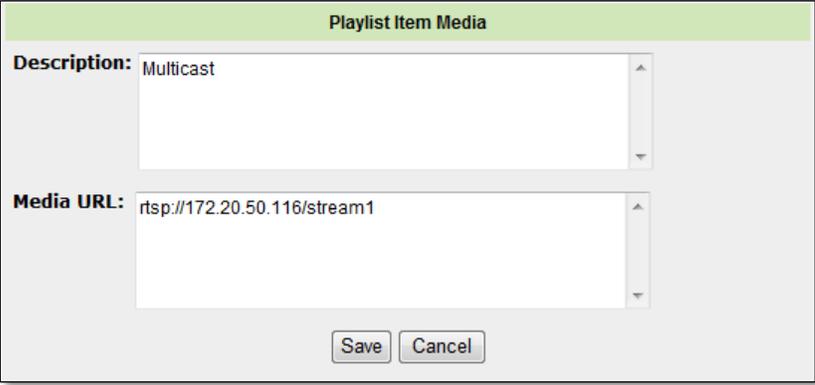
Either stream format can be used with SAFARI Montage SVS. Navigate to the Selective Video Streaming setup and add a new stream as normal. When choosing a **Type**, use **Video**.

Add Video Stream	
Active Stream:	<input checked="" type="checkbox"/>
School:	SAFARI Montage School
Video Stream Name:	TeraDek Encoder
Description:	Multicast
URL:	rtsp://<encoder address>/stream1
Type:	Video
Bitrate:	4000 Kb
Source:	DTV
Dashboard:	<input type="checkbox"/> Position: New Position based on source
School News:	<input type="checkbox"/>
Reservations:	<input type="checkbox"/> 1

Add Video Stream	
Active Stream:	<input checked="" type="checkbox"/>
School:	SAFARI Montage School
Video Stream Name:	TeraDek Encoder
Description:	Unicast
URL:	http://<encoder address>/stream1.sdp
Type:	Video
Bitrate:	4000 Kb
Source:	DTV
Dashboard:	<input type="checkbox"/> Position: New Position based on source
School News:	<input type="checkbox"/>
Reservations:	<input type="checkbox"/> 1

Digital Signage

When using the encoder with SAFARI Montage Digital Signage, only the multicast stream can be used.



The image shows a dialog box titled "Playlist Item Media". It has two text input fields. The first field is labeled "Description:" and contains the text "Multicast". The second field is labeled "Media URL:" and contains the text "rtsp://172.20.50.116/stream1". At the bottom of the dialog box, there are two buttons: "Save" and "Cancel".