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 <u>support@teradek.com</u> 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.



TERÂDEK	TERÂDEK
n Info System Network Video Setup Wizard Logout	nfo System Network Video Setup Wizard Logout
Primary Stream Quickview Stream	Primary Encoder Quickview Encoder
Stream Application	Title Text Video Bitrate (bps) Audio Bitrate Output Resolution Aspect Ratio Key Frame Show Compre Interval Title Code Code
Stream Mode: RTP Push	Channel 1 4000000 V 128 kbps V 480i V 30 V 4:3 V 10 Main
RTP Push	Rate Control Settings
Client IP Address: 239.20.50.116	Static Scene Detection: Disabled V 0
Client Port: 9510	Complexity Detection: Enabled
Vidao Straam Outruit	Latency Options
The streaming video on this device can be accessed using the following links:	Caching: 300 ms (Valid range: 70-1000)
Primary(RTP Push)	Intra Bafrach Moda
RTSP: rtsp://172.20.50.116/stream1	© Enabled
RTP Push: http://172.20.50.116/stream1	Deinterlacer
	Enabled Olsabled
	Adaptive Framerate
	Enabled Isabled
Apply Cancel	Apply Cancel Hide Advance

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	Add Video Stream	
Active Stream:		Active Stream:	V
School:	SAFARI Montage School	School:	SAFARI Montage School
Video Stream Name:	TeraDek Encoder	Video Stream Name:	TeraDek Encoder
Description:	Multicast	Description:	Unicala
URL:	rtsp:// <encoder address="">/stream1</encoder>	URL:	http:// <encoder address="">/stream1.sdp</encoder>
Туре:	Video	Туре:	Video
Bitrate:	4000 Kb 💌	Bitrate:	4000 Kb 💌
Source:	DTV	Source:	DTV
Dashboard:	Position: New Position value based on source	Dashboard:	Position: New Position based on source
School News:		School News:	
Reservations:		Reservations:	



Digital Signage

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

Playlist Item Media				
Description:	Multicast	*		
		Ŧ		
Media URL:	rtsp://172.20.50.116/stream1	*		
Save Cancel				

