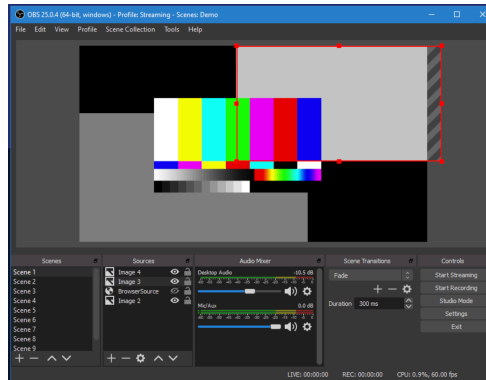


Device: Open Broadcast Software (OBS)



Introduction

A select number of parameters in the software based video switcher application OBS Studio can be controlled from a SKAARHOJ control panel. This document gives you an overview of possible control parameters.

The implementation have been done on version 26.0.

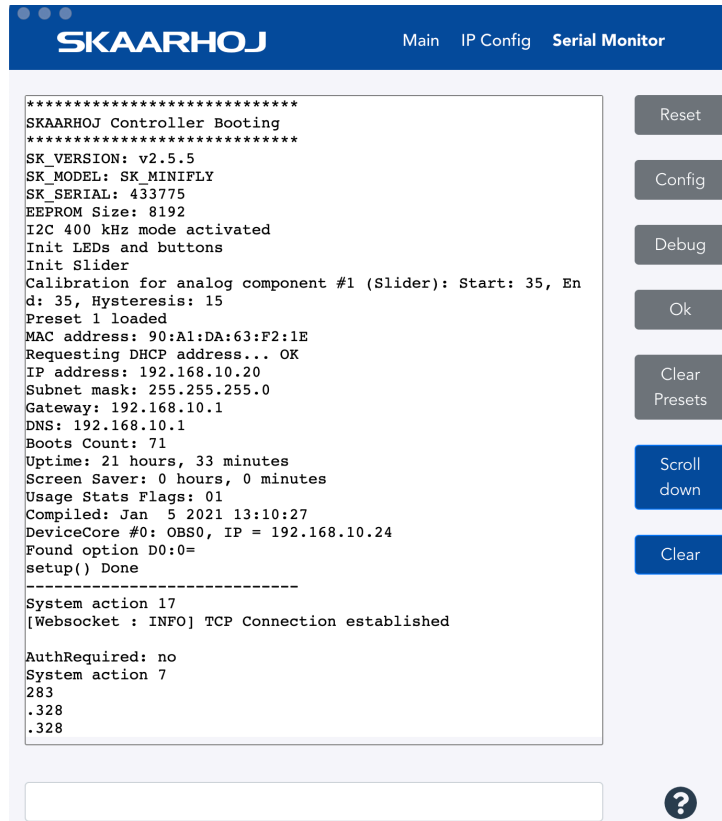
Setting up WebSocket Support

The OBS WebSocket Plug-in is required to establish a connection between the controller and OBS.

The plug-in is available on the Github Repository Palakis/obs-websocket: <https://github.com/Palakis/obs-websocket/releases>

Connection

Connection status to OBS is shown in the serial monitor.




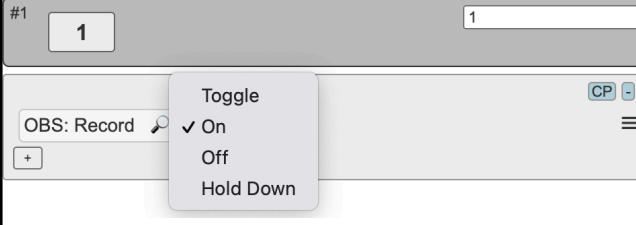
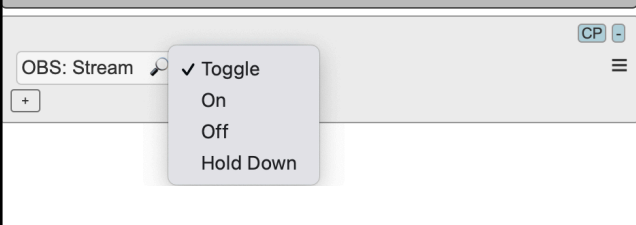
This is a overview of the actions implemented in the OBS Device Core

OBS: Scene

OBS: Record

OBS: Stream

This is a table of actions for the OBS Device Core

<p>Scene</p> 	<p>Sets Scene to Program Output</p> <p><i>Binary triggers:</i> Sets the selected source on Program. If Hold Down is selected, the source will fall back to the previous source whenever the trigger is released. Toggle will select the source, but on a subsequent trigger, it will fall back to the previous value.</p> <p><i>Pulse inputs:</i> Will cycle through and set the possible sources for Program limited by the selected source</p> <p><i>Binary outputs:</i> On when actual Program Src matches selected source</p> <p><i>Button colors:</i> Will be red when Program Src matches selected source, otherwise dim.</p> <p><i>Displays:</i> Scene #/Source name taking from OBS</p>
<p>Record</p> 	<p>Start/Stop recording</p> <p><i>Binary triggers:</i> Start recording, subsequent trigger will stop recording. For Hold Down recording is enabled as long as the button is held down.</p> <p><i>Pulse inputs:</i> Start/stop recording</p> <p><i>Binary outputs:</i> Not implemented.</p> <p><i>Button colors:</i> Red when recording, otherwise dim.</p> <p><i>Displays:</i> "Recording/On" & "Recording/Off"</p>
<p>Stream</p> 	<p>Start/Stop streaming</p> <p><i>Binary triggers:</i> Start streaming, subsequent trigger will stop streaming. For Hold Down streaming is enabled as long as the button is held down.</p> <p><i>Pulse inputs:</i> Start/stop streaming</p> <p><i>Binary outputs:</i> Not implemented.</p> <p><i>Button colors:</i> Red when streaming, otherwise dim. Blinking red when starting/stopping streaming</p> <p><i>Displays:</i> "Streaming/On" & "Streaming/Off"</p>