Device: AJA Ki Pro Ultra



Introduction

The AJA Ki Pro Ultra is a file based 4K/UltraHD/2K/HD video recorder and player that supports edit ready Apple ProRes or Avid DNxHR files in a range of video formats and frame rates up to 4K, and Avid DNxHD MXF files at HD resolutions. The AJA Ki Pro can be remotely controlled by a SKAARHOJ control panel. The complete feature set is not implemented but a few practical actions can be found. This document gives you an overview of possible control parameters.

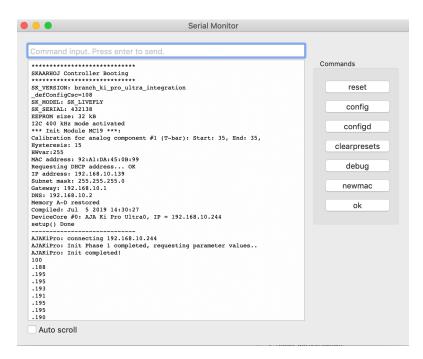
The implementation have been done on a AJA Ki Pro Ultra with Software Version 3.1.1.3.

Please notice the Device Core will not work if User Authentication have been set.

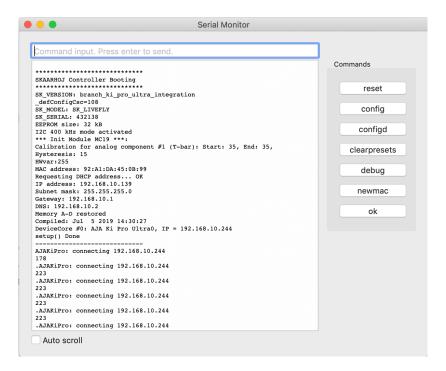


Connection

When a SKAARHOJ device have successfully connected to the AJA Ki Pro Ultra the serial monitor will report:



If the SKAARHOJ device are unable to locate the AJA Ki Pro Ultra on the network the serial monitor will report:



Device Core Details

For the actions "Shuttle" + "Replay Speed" our integration is limited to what the AJA Ki Pro Ultra + the protocol allows. This means that when using "Shuttle" + "Replay Speed" one will not experience a "smooth" behaviour on the AJA Ki Pro as seen on traditional replay systems. The behaviour is similar to when operating the front panel on the AJA Ki Pro for fast forward/reverse. There is a delay from when the button is pressed to an actual change in playback speed. First the clip pauses for a brief moment and *then* it initiates fast forward/reverse playback. The operation from the SKAARHOJ panel will be the same as this.

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

AJA KiPro Ultra Plus: Play
AJA KiPro Ultra Plus: Stop
AJA KiPro Ultra Plus: Record
AJA KiPro Ultra Plus: Next Clip
AJA KiPro Ultra Plus: Previous Clip
AJA KiPro Ultra Plus: Fast Forward
AJA KiPro Ultra Plus: Fast Reverse
AJA KiPro Ultra Plus: Jog

AJA KiPro Ultra Plus: Replay Speed AJA KiPro Ultra Plus: Time Code

AJA KiPro Ultra Plus: Clip Select

AJA KiPro Ultra Plus: Shuttle

This is a table of actions for AJA Ki Pro Ultra Device Core

