

Device: ARRI Amira



Introduction

At the current moment two Device Cores are utilized in order to communicate with the ARRI Amira camera. The ARRI Amira CAP and the ARRI Amira SSCP Device Core. Development have been done on a ARRI Amira camera with software version 5.3.23, Revision 26107, FPGA (#2) 3190/4412, MVF-1 software 2.17 & Lens mount software 1.69.



ARRI Amira CAP

ARRI Amira CAP (Camera Access Protocol) control via TCP/IP. Allows remote control of parameters in your ARRI Amira camera.



ARRI Amira

ARRI Amira camera control via TCP/IP. Allows remote control of video parameters in your ARRI Amira camera via SSCP (Sony Simple Camera Protocol). The camera acts as a TCP client connecting to the SKAARHOJ controller acting as a TCP server.



UniSketch OS v. 2.2.1.2.4 is required for the ARRI Amira CAP Device to work.

Two Device Cores IPs are set on the controller.

These must match the IP of the camera it self.

Multicam must be enabled on the camera, and the SSCP device IP **must match the IP settings of the controller.**

CAP server must be enabled and CAP server password must be set to "skaarri"

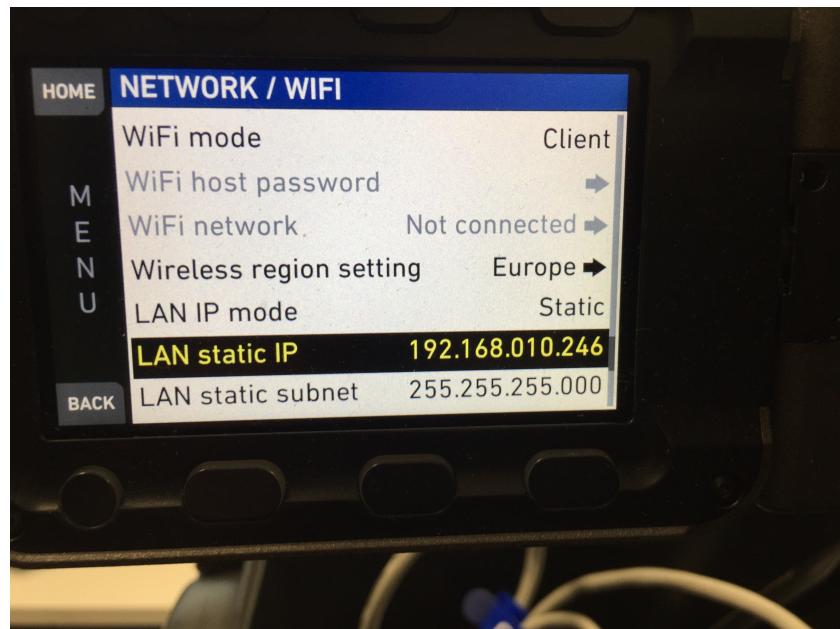
When connected via CAP the SKAARHOJ controller will appear in the CAP Client List as "SkaarhojRCP"

SKAARHOJ DEVICE CORES

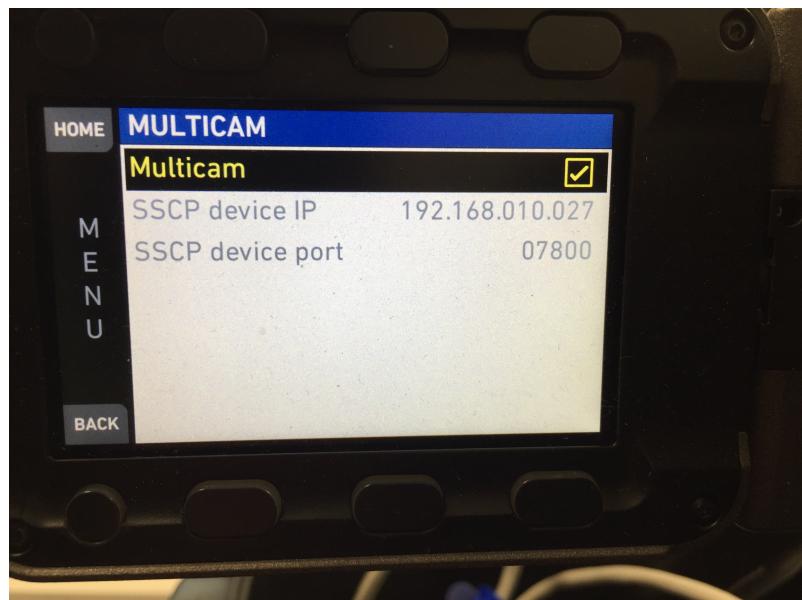
Examples are given below

Controller IP Settings			
IP:	192	.	168
	10	.	27
Subnet Mask:	255	.	255
	255	.	0
Gateway:	192	.	168
	10	.	1
DNS:	192	.	168
	10	.	1
ARRI Amira CAP			
<input checked="" type="checkbox"/> 192	.	168	.
	10	.	246
ARRI Amira			
<input checked="" type="checkbox"/> 192	.	168	.
	10	.	246

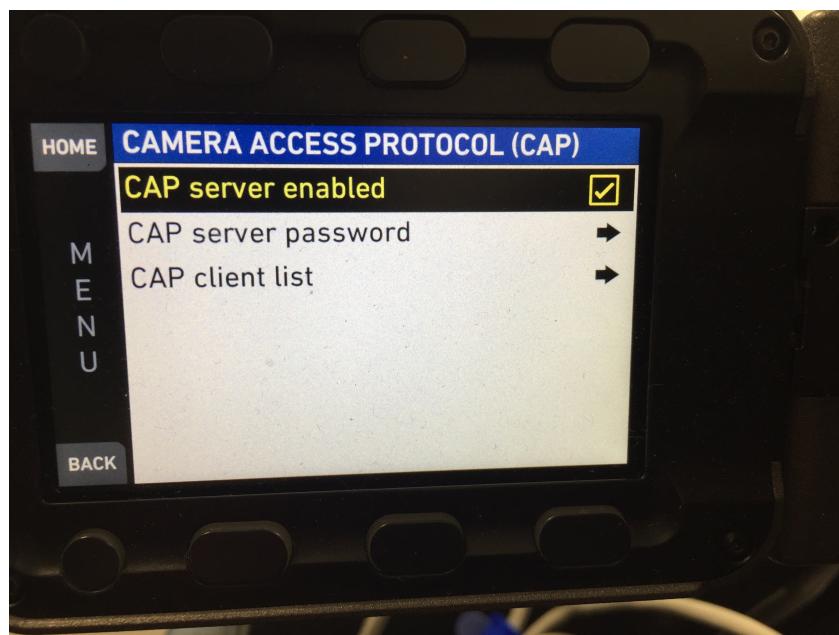
Here is a overview of the IP settings on the SKAARHOJ controller.



Notice the IP address of the camera follows the IP set on the "ARRI Amira CAP" + "ARRI Amira" Device Core

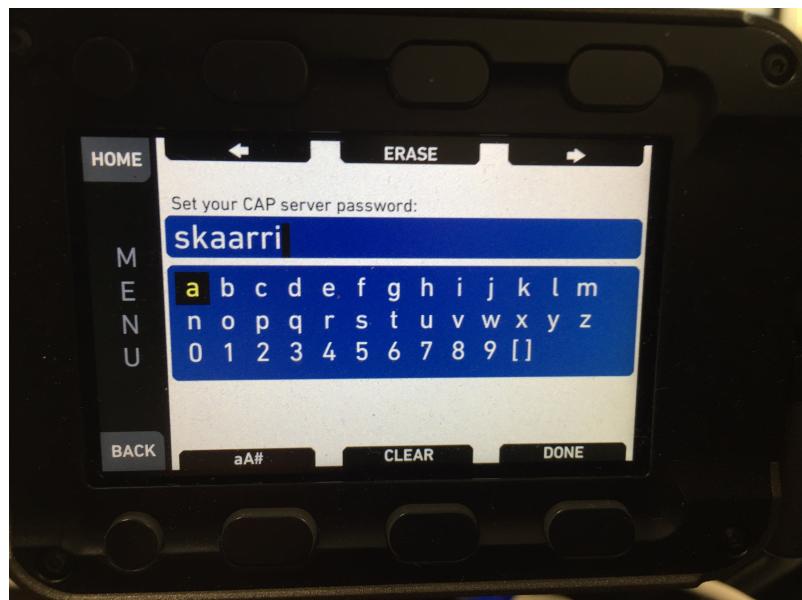


Multicam must be enabled

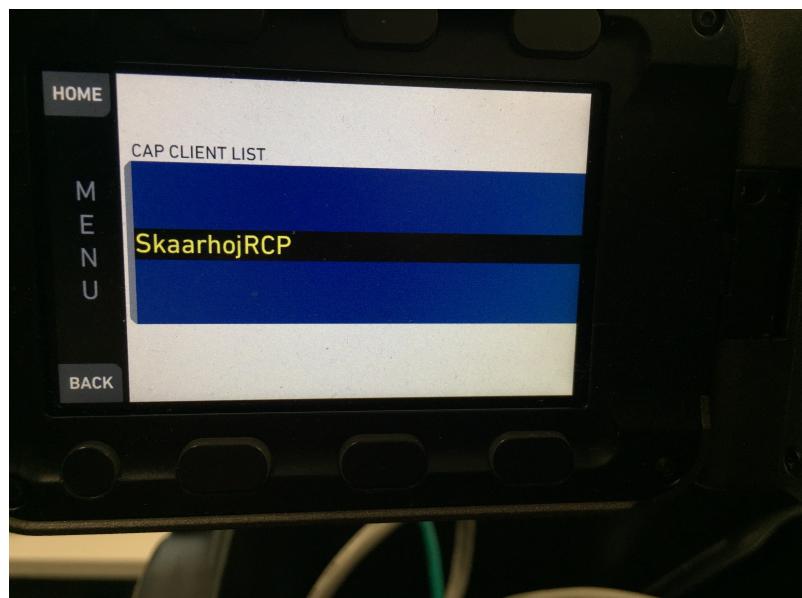


CAP server must be enabled

SKAARHOJ DEVICE CORES



Set the CAP server password



When the controller is connected via CAP it will appear in the CAP CLIENT LIST