

Device: Vaddio RoboSHOT



Introduction

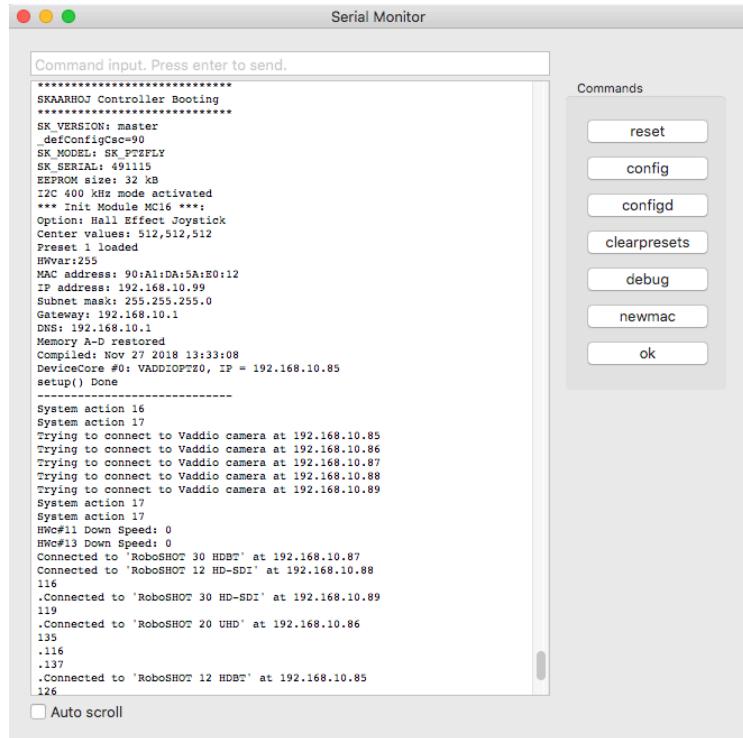
The Vaddio RoboSHOT series is possible to control via IP from any SKAARHOJ UniSketch OS based control surface. From the Vaddio RoboSHOT Device core it is possible to control up to 8 cameras. The integration have been done on the Vaddio:

- **RoboSHOT 12 HD-SDI**
- **RoboSHOT 12 HDMI**
- **RoboSHOT 30 HD-SDI**
- **RoboSHOT 30 HDMI**
- **RoboSHOT 12 HDBT**
- **RoboSHOT 30 HDBT**
- **RoboSHOT 20 UHD**
- **RoboSHOT 40 UHD**

And is known to work on these specific models. For other models the Device Core should work as well, but specific settings such as adjusting iris might not be possible as these differs from model to model. The integration have similarities with our other PTZ Device Cores as to configuration.

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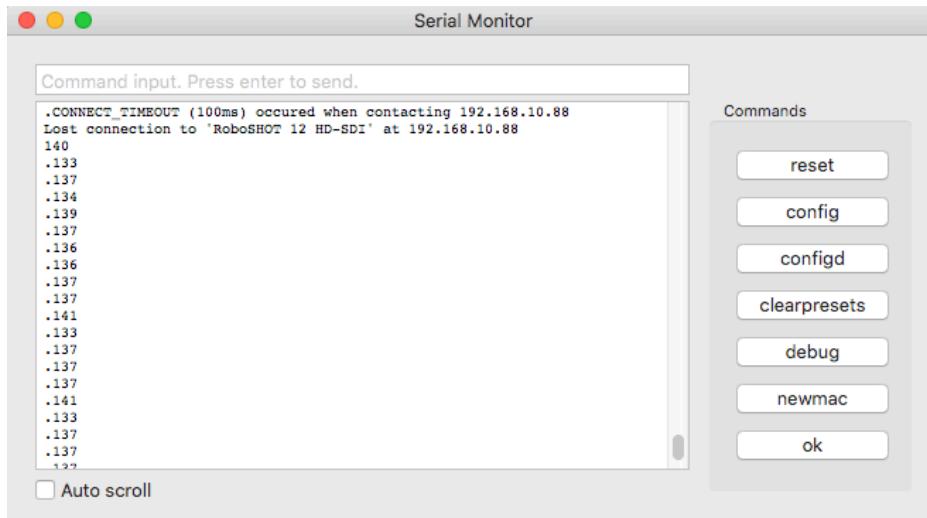
When a camera is connected to a controller the serial monitor will state something like "Connected to 'RoboSHOT 30 HDBT' at 192.168.10.87".



If a camera is disconnected the serial monitor will report:

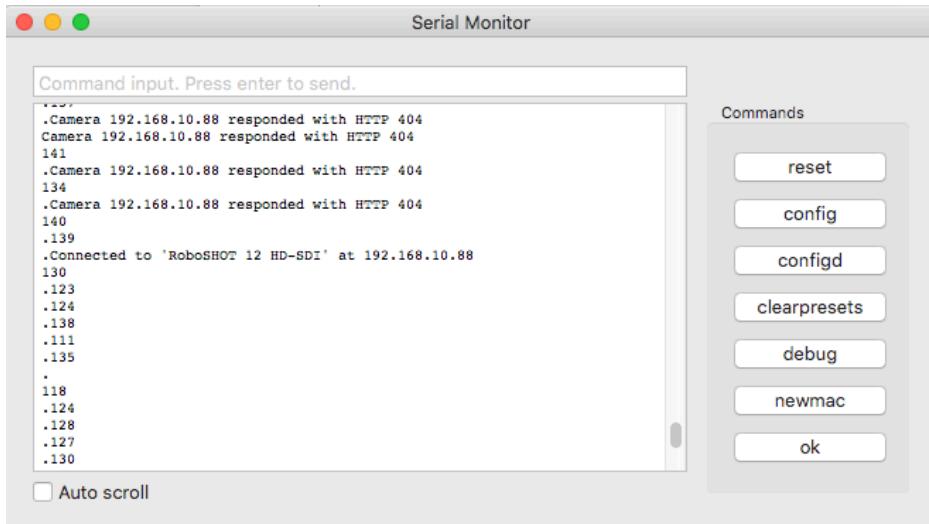
.CONNECT_TIMEOUT(100ms) occurred when contacting 192.168.10.88

Lost connection to 'RoboSHOT 12 HD-SDI' at 192.168.10.88



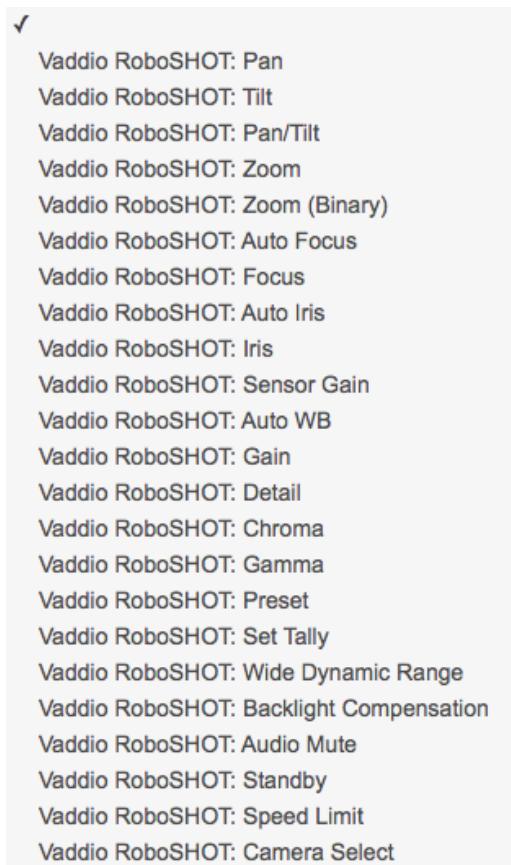
SKAARHOJ DEVICE CORES

If the camera is connected again the serial monitor will state this as well:



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



Some parameters are locked depending on modes of the camera. This is indicated by a small symbol on the display. This is illustrated below with the "Iris" and "Gain" parameter when "Auto Iris" is on.



You can experience that feedback from the camera is delayed when adjusting a parameter. This can for instance be observed with the "Camera Standby" function where the function can shift between "On" and "Off" when you have adjusted the state. This is due to the processing time from when the command is sent from the panel to when the controller receives a update from the camera.

