Device: BirdDog P200

Introduction

The BirdDog P200 Device Core is still in alpha with just a limited feature set available to control. The development of the Device Core is work in progress and we collaborate with BirdDog to expand the possible features to control. At this point control is VISCA over IP.

Please notice currently the BirdDog P200 camera do not support block inquiry commands over IP, so not all current settings on the camera will be transmitted back to our controllers. Examples

- When our controller connects to the camera some settings will not be in sync with the actual state of the camera. The shutter speed on our controller could reflect one setting, while the actual shutter speed on the camera could be different until the shutter speed has in fact been set from our controller

- If multiple SKAARHOJ controllers are connected to the same camera they will not be in sync

- If changes are made in the OSD these will not be reported back to the SKAARHOJ controller

The implementation is done on BirdDog P200 Firmware version: **BirdDog EYES 2.8**
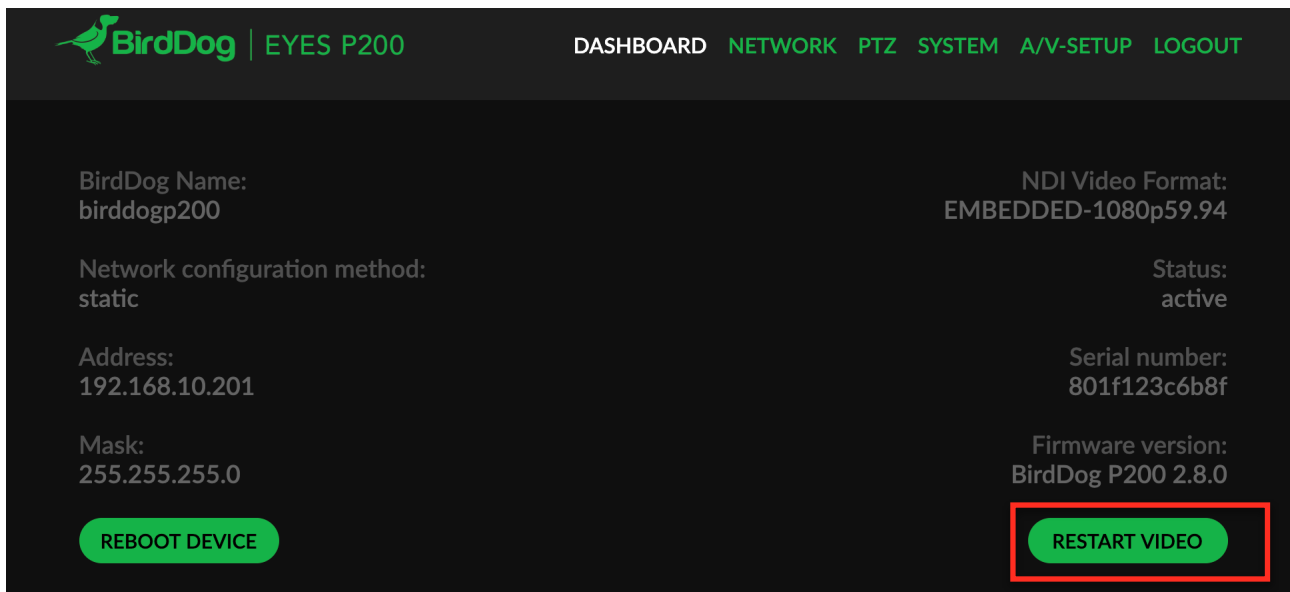
Please see the "PTZ Manual" at https://www.skaarhoj.com/support/manuals/ to learn more about PTZ control in general from SKAARHOJ controllers and in particular network recommendations.

In this manual it is worth noticing that one should not add *additional* Device Cores to control multiple cameras. This is possible from the same Device Core but proper steps should be ensured (consecutive IP addresses on the cameras) for a good user experience.

Known Bugs
RESTART VIDEO

When a camera power cycles it can be necessary to "RESTART VIDEO" to regain control over the camera.
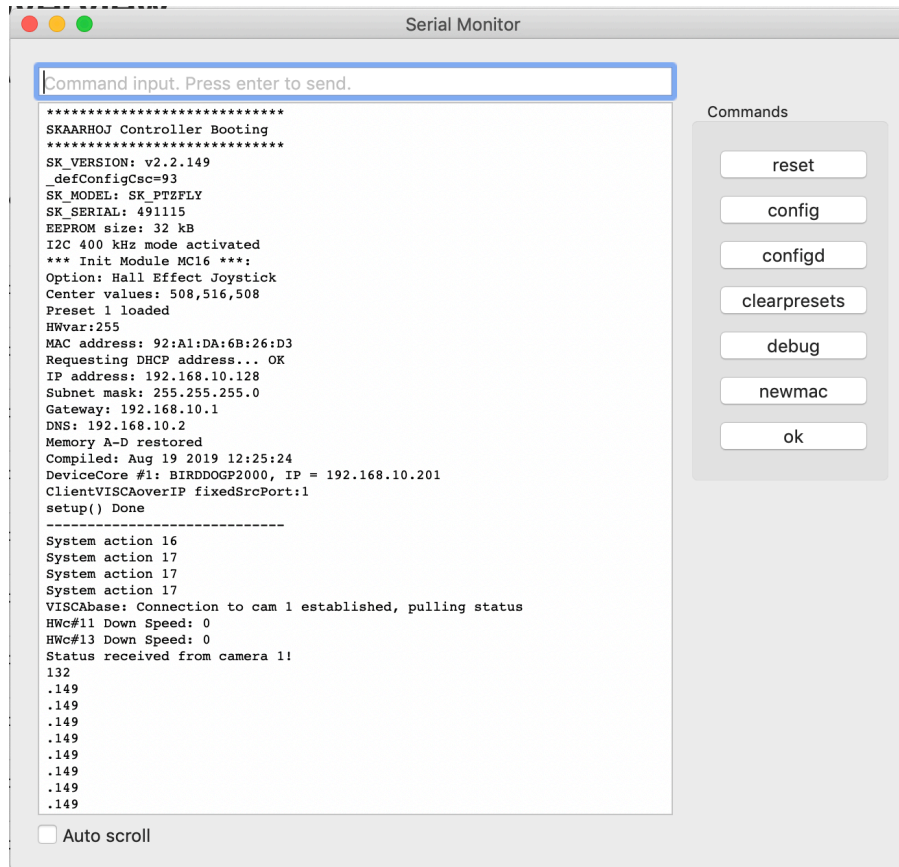

PRESET RECALL

Recalling presets can make the camera stop responding for a few seconds.

Connection

When a controller have successfully established connection to the camera the serial monitor will report "Status received from camera x!"

Device Core Details

Currently not all items from the actions list of the BirdDog P200 Device Core have been implemented/are working. Please see details below

Items marked with red are not working

Items marked with yellow have wrong range intervals

Items marked with blue have details

Zoom (Binary): No display content but actions works

Zoom Settings: Can only turn Digital Zoom ON, not off

AE Comp: Only for backlight

Presets: Recalling presets will make the camera stop responding for a few seconds

System:

        Power: N/A
        IR Receive: N/A
        Image Flip: √
        Tally: N/A
        OSD: √
        Flicker Reduction: N/A
        Pan Reverse: N/A
        Tilt Reverse: N/A

Iris (Binary): No display content but actions works

Shutter (Binary): No display content but actions works