

Device: Sony BRC Device Cores

Sony BRC-H900

Device configuration options exist:

- Index 0: **VISCA over IP/Serial**
 - If "1" = VISCA over Serial

Sony BRC-X1000/H800

Device configuration options exist:

- Index 0: **VISCA over IP/Serial**
 - If "1" = VISCA over Serial

For Serial cabling instructions please see "Generic VISCA" manual.

Example:

Enabling VISCA over serial could look like this device configuration code: "D0:0=1" where the general form would be "Dx:y=z" where "x" is the number of the device core as installed on the controller (starting with zero for the first device core), "y" the index number and "z" the value for that index.

If the Sony BRC-H900 Device Core is the first like below (here illustrated with the NewTek Device Core):

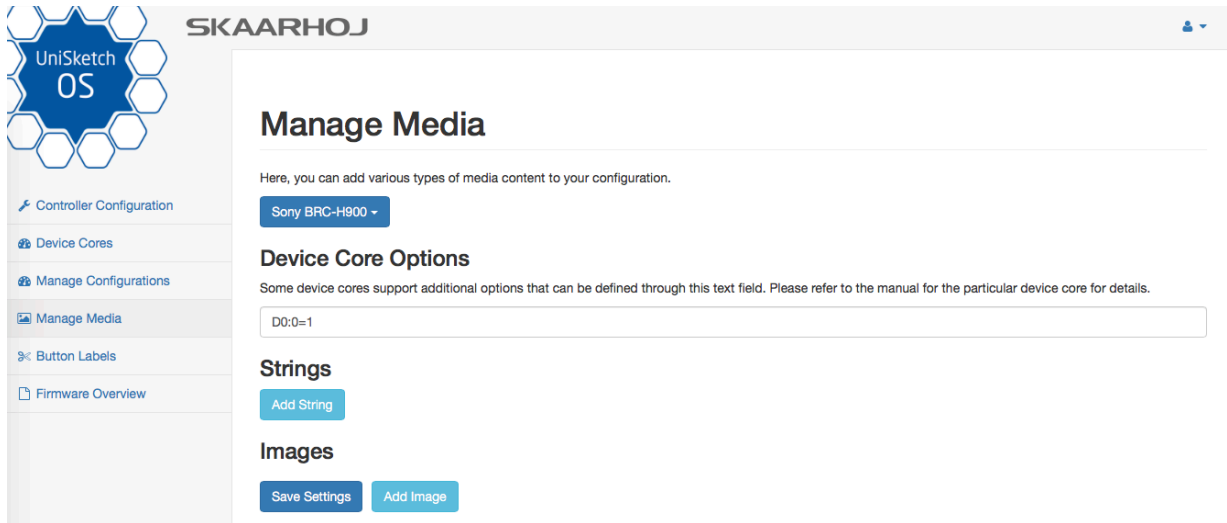
The screenshot shows the UniSketch OS interface for configuring device cores. The left sidebar contains navigation links: Controller Configuration, Device Cores, Manage Configurations, Manage Media, Button Labels, and Firmware Overview. The main area is titled "Device Cores" and includes a "Test NewTek Serial" button. Below this, two device cores are listed:

- NewTek NDIHX-PTZ1**: Full VISCA control of NewTek NDI Robotic Camera NDIHX-PTZ1. Complete VISCA command list is implemented and with specific value ranges (such as Iris, Shutter speeds etc). Control via IP or Serial (via converter). This core is highlighted with a red box labeled "Device core number 0".
- Generic VISCA**: Generic VISCA implementation for Serial and IP based robotic cameras. Control via IP or Serial (via converter). This core is highlighted with a red box labeled "Device core number 1".

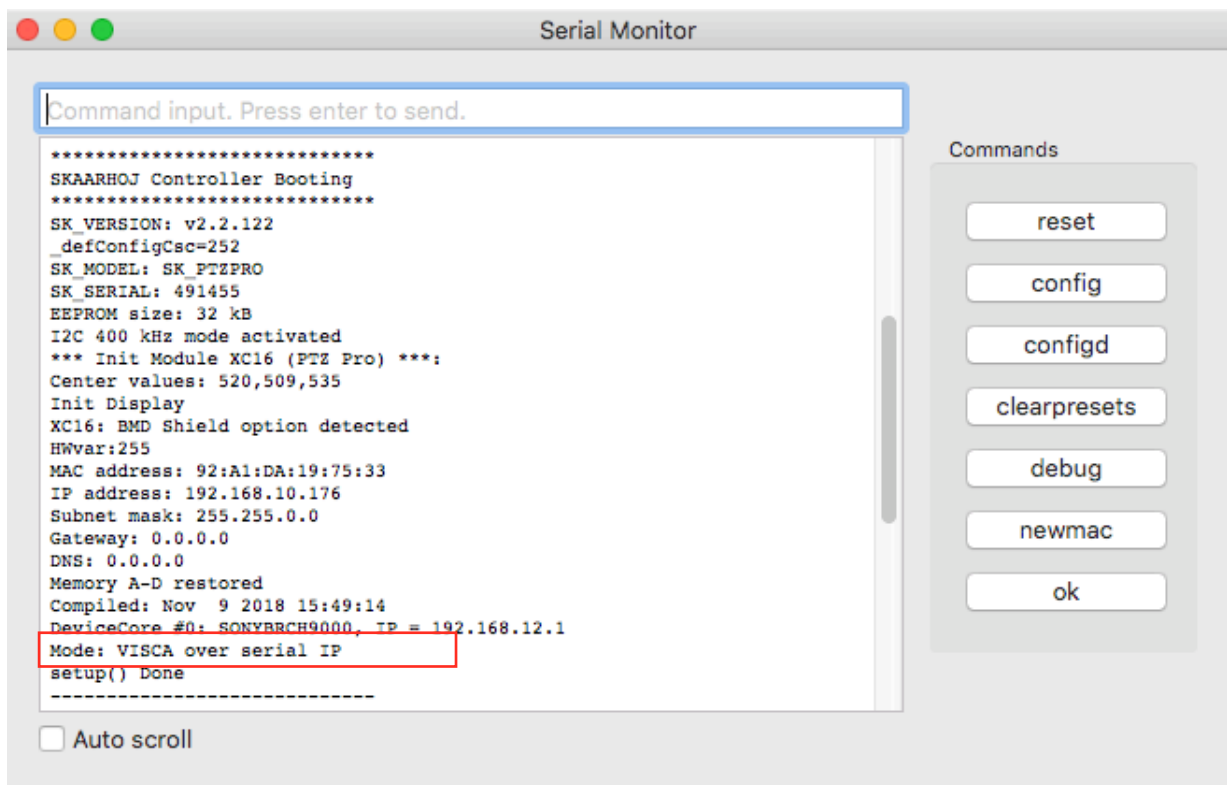
At the bottom of the configuration area are buttons for "Save Settings" and "Add another device".

SKAARHOJ DEVICE CORES

Setting VISCA over serial would be set by this configuration under "Manage Media" on the configuration page for your controller. Access this by pressing "Online Configuration" in the Firmware Application. Remember to save on the configuration page *and* press "Check for updates" in the Firmware Application.



To confirm that a device configuration is in fact detected by the controller, please check it out on the serial monitor where it will be mentioned:



Actions

An excerpt of the actions in the Device Core

Sony BRC-H900

Sony BRC-H900: Pan	Sony BRC-H900: Matrix
Sony BRC-H900: Tilt	Sony BRC-H900: Matrix Color
Sony BRC-H900: Pan/Tilt	Sony BRC-H900: Aperture Gain
Sony BRC-H900: Zoom	Sony BRC-H900: Detail Enable
Sony BRC-H900: Zoom (Binary)	Sony BRC-H900: Detail Parameters
Sony BRC-H900: Focus	Sony BRC-H900: Detail Creation
Sony BRC-H900: Focus (Binary)	Sony BRC-H900: Knee
Sony BRC-H900: Focus One Push	Sony BRC-H900: Knee Param
Sony BRC-H900: Focus Settings	Sony BRC-H900: Color Detail
Sony BRC-H900: Exposure Mode	Sony BRC-H900: Color Detail Parameters
Sony BRC-H900: Iris	Sony BRC-H900: Gamma
Sony BRC-H900: Shutter	Sony BRC-H900: Gamma Settings
Sony BRC-H900: Gain	Sony BRC-H900: Preset
Sony BRC-H900: AE Speed	Sony BRC-H900: Preset Drive
Sony BRC-H900: Ex-Comp. Level	Sony BRC-H900: System
Sony BRC-H900: AE Comp	Sony BRC-H900: PTZ Cruise Control
Sony BRC-H900: AGC Enable	Sony BRC-H900: PTZ Trace
Sony BRC-H900: AGC Limit	Sony BRC-H900: Speed Limit
Sony BRC-H900: AGC Point	Sony BRC-H900: Auto Shift level
Sony BRC-H900: Auto Shutter	Sony BRC-H900: Camera Select
Sony BRC-H900: Shutter Limit	
Sony BRC-H900: Shutter Point	
Sony BRC-H900: White Balance	
Sony BRC-H900: WB One Push	
Sony BRC-H900: WB Offset	
Sony BRC-H900: WB Speed	
Sony BRC-H900: WB R/B Gain	

Sony BRC-X100/H80

Sony BRC-X1000/H800: Pan	Sony BRC-X1000/H800: Matrix
Sony BRC-X1000/H800: Tilt	Sony BRC-X1000/H800: Matrix Color
Sony BRC-X1000/H800: Pan/Tilt	Sony BRC-X1000/H800: Chroma Suppress
Sony BRC-X1000/H800: Zoom	Sony BRC-X1000/H800: Aperture Gain
Sony BRC-X1000/H800: Zoom (Binary)	Sony BRC-X1000/H800: Detail Auto
Sony BRC-X1000/H800: Focus	Sony BRC-X1000/H800: Detail Parameters
Sony BRC-X1000/H800: Focus (Binary)	Sony BRC-X1000/H800: Knee
Sony BRC-X1000/H800: Focus One Push	Sony BRC-X1000/H800: Knee Param
Sony BRC-X1000/H800: PT Slow Mode	Sony BRC-X1000/H800: Noise Reduction
Sony BRC-X1000/H800: PT Ramp Curve	Sony BRC-X1000/H800: NR Settings
Sony BRC-X1000/H800: Picture Profile	Sony BRC-X1000/H800: Gamma
Sony BRC-X1000/H800: Focus Settings	Sony BRC-X1000/H800: Gamma Settings
Sony BRC-X1000/H800: Zoom Settings	Sony BRC-X1000/H800: Visibility Enhancement
Sony BRC-X1000/H800: Exposure Mode	Sony BRC-X1000/H800: Preset Mode
Sony BRC-X1000/H800: Iris	Sony BRC-X1000/H800: Preset
Sony BRC-X1000/H800: Shutter	Sony BRC-X1000/H800: Preset Drive
Sony BRC-X1000/H800: Gain	Sony BRC-X1000/H800: System
Sony BRC-X1000/H800: AE Speed	Sony BRC-X1000/H800: ND Filter
Sony BRC-X1000/H800: Ex-Comp. Enable	Sony BRC-X1000/H800: Camera Group Select
Sony BRC-X1000/H800: Ex-Comp. Level	Sony BRC-X1000/H800: PTZ Cruise Control
Sony BRC-X1000/H800: AE Comp	Sony BRC-X1000/H800: PTZ Trace
Sony BRC-X1000/H800: Gain Limit	Sony BRC-X1000/H800: Speed Limit
Sony BRC-X1000/H800: Gain Point	Sony BRC-X1000/H800: Auto Shift level
Sony BRC-X1000/H800: Gain Point Pos	Sony BRC-X1000/H800: Camera Select
Sony BRC-X1000/H800: Max Shutter	
Sony BRC-X1000/H800: Min Shutter	
Sony BRC-X1000/H800: White Balance	
Sony BRC-X1000/H800: WB One Push	
Sony BRC-X1000/H800: WB Offset	
Sony BRC-X1000/H800: WB Speed	
Sony BRC-X1000/H800: WB R/B Gain	