

Device: Sony SRG X400 Introduction



A large number of parameters can be controlled on the Sony SRG X400 camera.

This integration was done using Sony SRG X400 software version 2.0.

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.

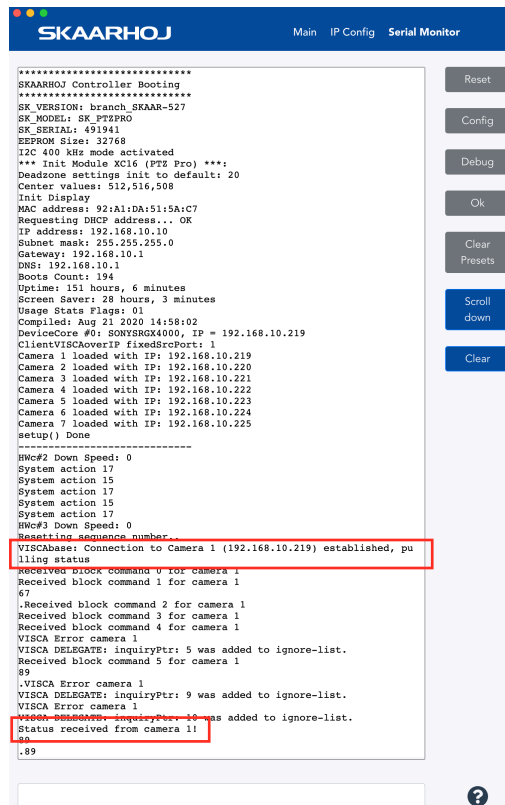
In this manual it is worth noticing that one should not add *additional* Device Cores to control multiple cameras. This is possible from the same Device Core but proper steps should be ensured (consecutive IP addresses on the cameras) for a good user experience.

Number of Cameras possible to control

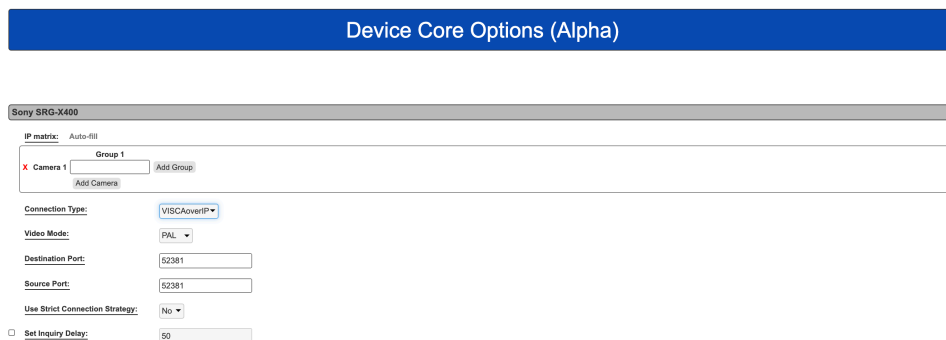
Please notice from the Sony SRG X400 Device Core it is possible to control up to 7 cameras. In general this is the limit for our VISCA over IP Device Cores and our integration have not been tested above 7 cameras. If you want to control more than 7 cameras you will need to add an additional Device Core and configure the controller accordingly. None of our default configuration utilities support 2 x Sony SRG X400 Device Cores. As we have never tested with more than 7 cameras, we do not know how performance and stability will be in such a configuration setup. We recommend only having 1 x Sony SRG X400 Device Core installed per controller.

Confirm Connection

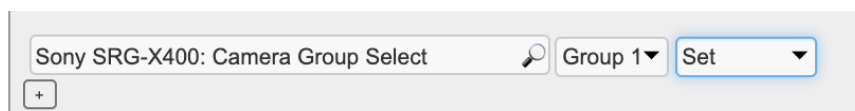
The Serial Monitor from the Firmware Application can be used to monitor connection status.



Device Configurations



IP Matrix: The IP Matrix is to be used with the Camera Group Select action to create multiple IP groups for increasing the number of connected cameras.



Connection Type: Allows for alternative methods of connecting to the camera. The default is VISCAoverIP.

- ✓ VISCAoverIP
- SerialIP
- TCP
- UDP
- Serial

Video Mode: Allows you to change between PAL and NTSC. Please note that some models of camera require you to set this via a switch on the camera.

✓ PAL
NTSC

Destination Port: coming soon

Source Port: coming soon

Use Strict Connection Strategy: coming soon

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

```
Memory A-D restored
Compiled: Mar 12 2020 14:41:54
D0[0] = 1
DeviceCore #0: SONYBRX4000, IP = 192.168.10.149
SONYBRX400: Option serial
ClientVISCASerialIP: __deviceIdx: 0
ClientVISCASerialIP::begin()
setup() Done
-----
```

Actions

An excerpt of the actions in the Device Core

Sony SRG-X400: Pan/Tilt	Sony SRG-X400: WB One Push
Sony SRG-X400: Zoom (Binary)	Sony SRG-X400: WB Offset
Sony SRG-X400: Focus (Binary)	Sony SRG-X400: WB Speed
Sony SRG-X400: Focus One Push	Sony SRG-X400: WB R/B Gain
Sony SRG-X400: PT Slow Mode	Sony SRG-X400: Detail Level
Sony SRG-X400: Focus Settings	Sony SRG-X400: Detail Auto
Sony SRG-X400: Zoom Settings	Sony SRG-X400: Detail Parameters
Sony SRG-X400: Exposure Mode	Sony SRG-X400: Noise Reduction
Sony SRG-X400: Iris	Sony SRG-X400: NR Settings
Sony SRG-X400: Shutter	Sony SRG-X400: Preset
Sony SRG-X400: Gain	Sony SRG-X400: System
Sony SRG-X400: AE Speed	Sony SRG-X400: PTZ Cruise Control
Sony SRG-X400: Ex-Comp. Enable	Sony SRG-X400: PTZ Trace
Sony SRG-X400: Ex-Comp. Level	Sony SRG-X400: Auto Shift level
Sony SRG-X400: AE Comp	Sony SRG-X400: Camera Select
Sony SRG-X400: Gain Limit	
Sony SRG-X400: Gain Point	
Sony SRG-X400: Gain Point Pos	
Sony SRG-X400: Max Shutter	
Sony SRG-X400: Min Shutter	
Sony SRG-X400: White Balance	