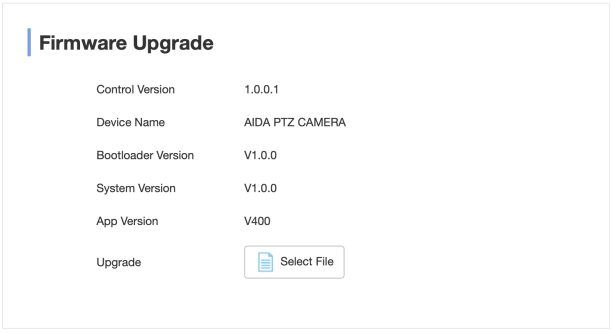
Device: AIDA PTZ-X12/X20-IP and AIDA PTZ-NDI-X12/X20

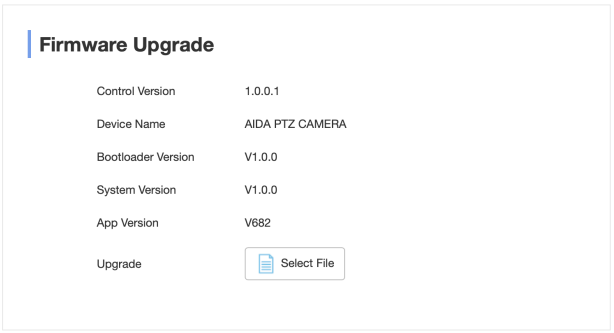
Introduction

A large number of parameters can be controlled on the AIDA PTZ-X12/X20-IP and AIDA PTZ-NDI-X12/X20.

This integration was made using the below firmware versions



Firmware version X12



Firmware version X20

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.

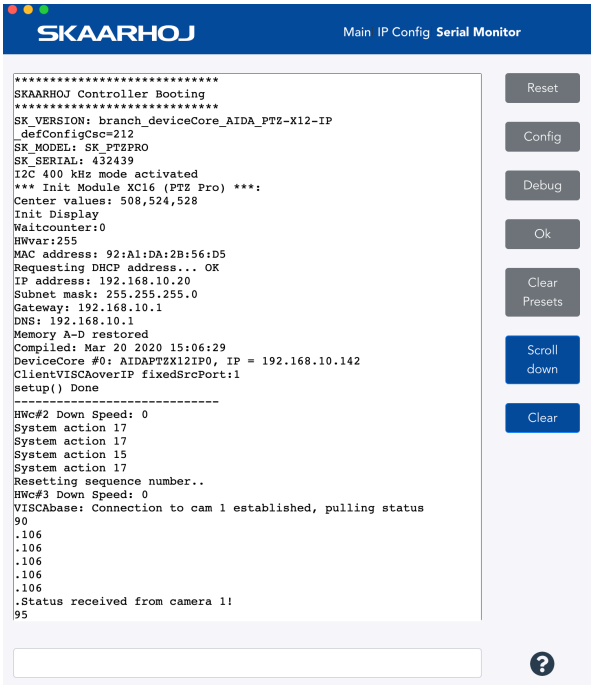
In this manual it is worth noticing that one should not add *additional* Device Cores to control multiple cameras. This is possible from the same Device Core but proper steps should be ensured (consecutive IP addresses on the cameras) for a good user experience.

Number of Cameras possible to control

Please notice from the AIDA PTZ-X12-IP Device Core it is possible to control up 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.

Confirm Connection

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



Device Configurations

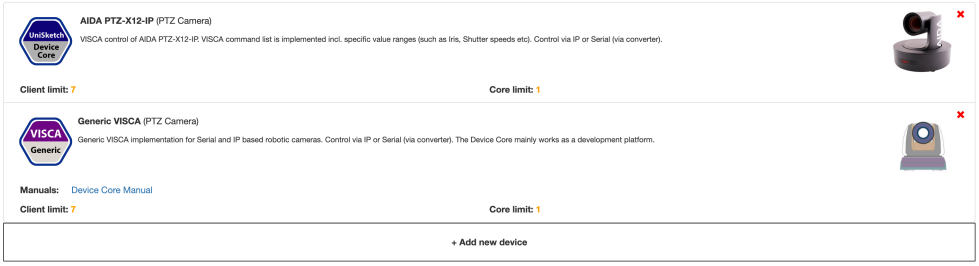
Device configuration options exist:

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

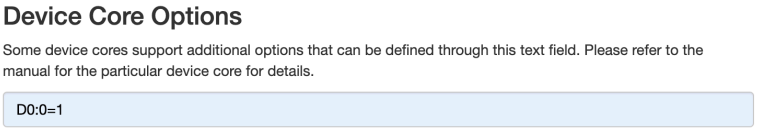
Example:

Enabling "Visca over Serial" to NTSC mode 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 AIDA device core is the first like below:



Then setting the "VISCA over IP/Serial" would be set by this configuration under "Manage Media" on your configuration page for your controller on cores.skaarhoj.com



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:

```
Memory A-D restored
Compiled: Mar 20 2020 14:57:45
D0[0] = 1
DeviceCore #0: AIDAPTZX12IP0, IP = 192.168.10.142
: Option serial
ClientVISCAserialIP:  __deviceIdx: 0
ClientVISCAserialIP::begin()
setup() Done
```

Actions

An excerpt of the actions in the Device Core