Device: Bolin BC-9-4K12S-S6MN

Introduction

A large number of parameters can be controlled on the Bolin BC-9-4K12S-S6MN. Control is via VISCA over IP (and not NDI). The Device Core is still in alpha with few bugs to get sorted out.

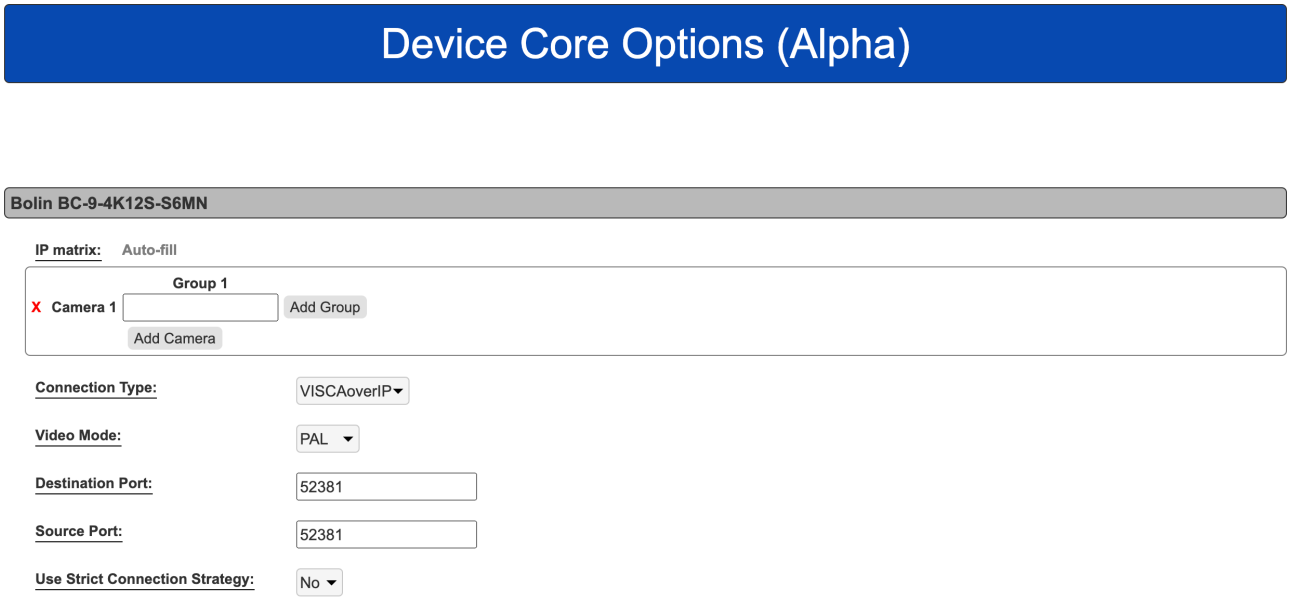
The implementation was done for the Bolin 4k with Firmware version V0K010B35010AA010.

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.

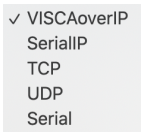
Device Configurations

Device configuration options exist:

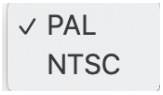


IP Matrix: The IP Matrix is to be used with the Camera Group Select action to create multiple IP groups for increasing the number of connected cameras.

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



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.



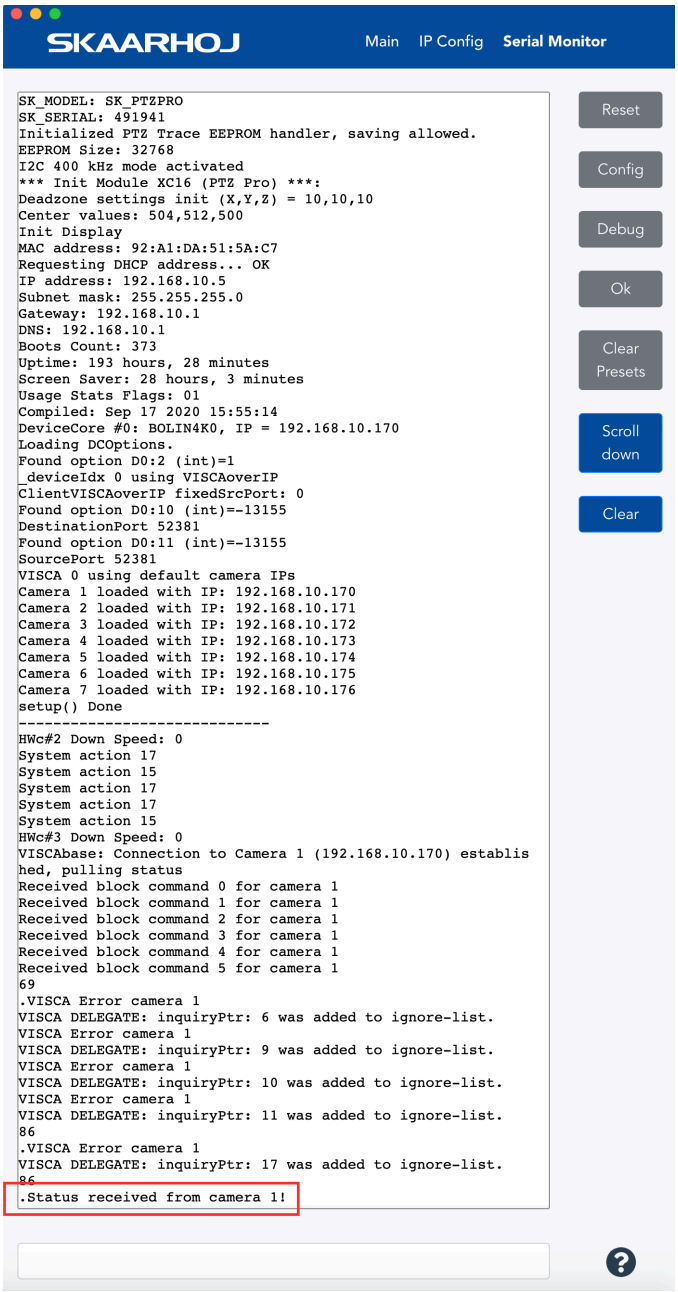
Destination Port: coming soon

Source Port: coming soon

Use Strict Connection Strategy: coming soon

Connection

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



Action Overview

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

Please note the Matrix Color Parameters R-G, R-B, G-R, G-B, B-R, B-G are do not function at this time. We are working with Bolin to resolve the issue.

- Bolin BC-9-4K12S-S6MN: Pan/Tilt
- Bolin BC-9-4K12S-S6MN: Zoom (Binary)
- Bolin BC-9-4K12S-S6MN: Focus (Binary)
- Bolin BC-9-4K12S-S6MN: Focus One Push
- Bolin BC-9-4K12S-S6MN: PT Slow Mode
- Bolin BC-9-4K12S-S6MN: PT Ramp Curve
- Bolin BC-9-4K12S-S6MN: Picture Profile
- Bolin BC-9-4K12S-S6MN: Focus Settings
- Bolin BC-9-4K12S-S6MN: Digital Zoom
- Bolin BC-9-4K12S-S6MN: Exposure Mode
- Bolin BC-9-4K12S-S6MN: Iris
- Bolin BC-9-4K12S-S6MN: Shutter
- Bolin BC-9-4K12S-S6MN: Gain
- Bolin BC-9-4K12S-S6MN: AE Speed
- Bolin BC-9-4K12S-S6MN: Ex-Comp. Enable
- Bolin BC-9-4K12S-S6MN: Ex-Comp. Level
- Bolin BC-9-4K12S-S6MN: AE Comp
- Bolin BC-9-4K12S-S6MN: Gain Limit
- Bolin BC-9-4K12S-S6MN: Gain Point
- Bolin BC-9-4K12S-S6MN: Gain Point Pos
- Bolin BC-9-4K12S-S6MN: Max Shutter
- Bolin BC-9-4K12S-S6MN: Min Shutter
- Bolin BC-9-4K12S-S6MN: Exp. Settings
- Bolin BC-9-4K12S-S6MN: White Balance
- Bolin BC-9-4K12S-S6MN: WB One Push
- Bolin BC-9-4K12S-S6MN: WB Offset
- Bolin BC-9-4K12S-S6MN: WB Speed
- Bolin BC-9-4K12S-S6MN: WB R/B Gain
- Bolin BC-9-4K12S-S6MN: Matrix
- Bolin BC-9-4K12S-S6MN: Matrix Color
- Bolin BC-9-4K12S-S6MN: Chroma Suppress
- Bolin BC-9-4K12S-S6MN: Detail Level
- Bolin BC-9-4K12S-S6MN: Detail Auto
- Bolin BC-9-4K12S-S6MN: Detail Parameters
- Bolin BC-9-4K12S-S6MN: NR Settings
- Bolin BC-9-4K12S-S6MN: Gamma
- Bolin BC-9-4K12S-S6MN: Gamma Settings
- Bolin BC-9-4K12S-S6MN: Visibilty Enhancement
- Bolin BC-9-4K12S-S6MN: Preset
- Bolin BC-9-4K12S-S6MN: Preset Drive
- Bolin BC-9-4K12S-S6MN: System
- Bolin BC-9-4K12S-S6MN: ND Filter
- Bolin BC-9-4K12S-S6MN: Camera Group Select
- Bolin BC-9-4K12S-S6MN: PTZ Cruise Control
- Bolin BC-9-4K12S-S6MN: PTZ Trace
- Bolin BC-9-4K12S-S6MN: Auto Shift level
- Bolin BC-9-4K12S-S6MN: Camera Select