Device: Everet EVP220N

Introduction

A large number of parameters can be controlled on the Everet EVP220N

This integration was made using the below firmware versions

Control Version	1.0.0.1
Device Name	FHD Video Conference Camera
Bootloader Version	V1.0.0
System Version	V1.0.0
App Version	V927

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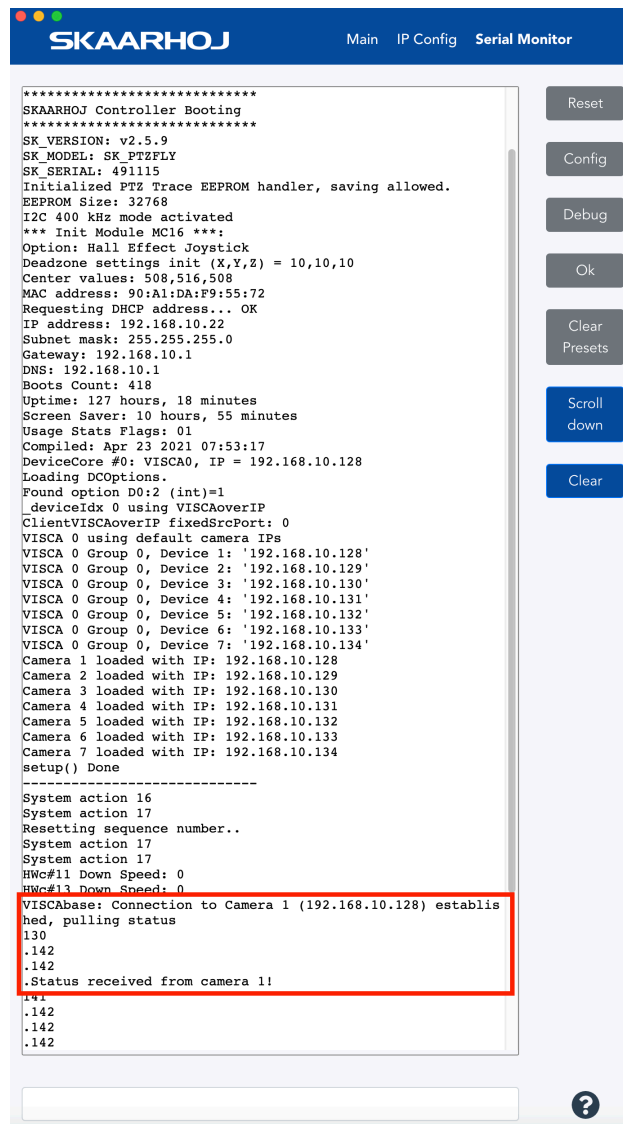
In this manual it is worth noticing that one should not add *additional* Device Cores to control multiple cameras. This is possible from the same Device Core but proper steps should be ensured (consecutive IP addresses on the cameras) for a good user experience.

Number of Cameras possible to control

Please notice from the Everet EVP220N 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

Some device core options exist for the Everet EVP220N. They can be changed in the Device Core Options section of the online configuration. By default the camera will connect using Visca Over IP to destination port 52381, these options can be changed if needed.

Device Core Options (Alpha)

Everet P220N

IP matrix: Auto-fill

Group 1
X   Camera 1 [   ] Add Group
Add Camera

Connection Type: VISCAoverIP ▾

Video Mode: PAL ▾

☐ Destination Port: 52381

☐ Source Port: 52381

☐ Use Strict Connection Strategy: No ▾

☐ Set Inquiry Delay: 300

Actions

An excerpt of the actions in the Device Core

Everet P220N: Pan
Everet P220N: Tilt
Everet P220N: Pan/Tilt
Everet P220N: Zoom
Everet P220N: Zoom (Binary)
Everet P220N: Focus
Everet P220N: Focus (Binary)
Everet P220N: Focus One Push
Everet P220N: Focus Settings
Everet P220N: Flicker Mode
Everet P220N: Exposure Mode
Everet P220N: Iris
Everet P220N: Shutter
Everet P220N: Gain
Everet P220N: D-WDR
Everet P220N: D-WDR Level
Everet P220N: AE Comp
Everet P220N: Bright
Everet P220N: White Balance
Everet P220N: WB One Push
Everet P220N: WB R/B Gain
Everet P220N: Tone adjustments
Everet P220N: Sharpness
Everet P220N: Gamma
Everet P220N: Preset
Everet P220N: Preset Drive
Everet P220N: System
Everet P220N: Tally Mode
Everet P220N: Camera Group Select
Everet P220N: PTZ Cruise Control
Everet P220N: PTZ Trace
Everet P220N: Speed Limit
Everet P220N: Auto Shift level
Everet P220N: Camera Select