


Device: ARC360 PTZ CAMERA



Introduction

The Agile ARC360 PTZ Camera Device is still in Beta and only a few selected actions are working. The Device Core is work in progress and improvements are being made.

The development have carried out on a camera with software version "2.0 Ubus Bi-Directional PRODUCTION release"

HOME CONFIGURATION STATUS

Agile Remote Cameras - Rosetta TCPIP V3

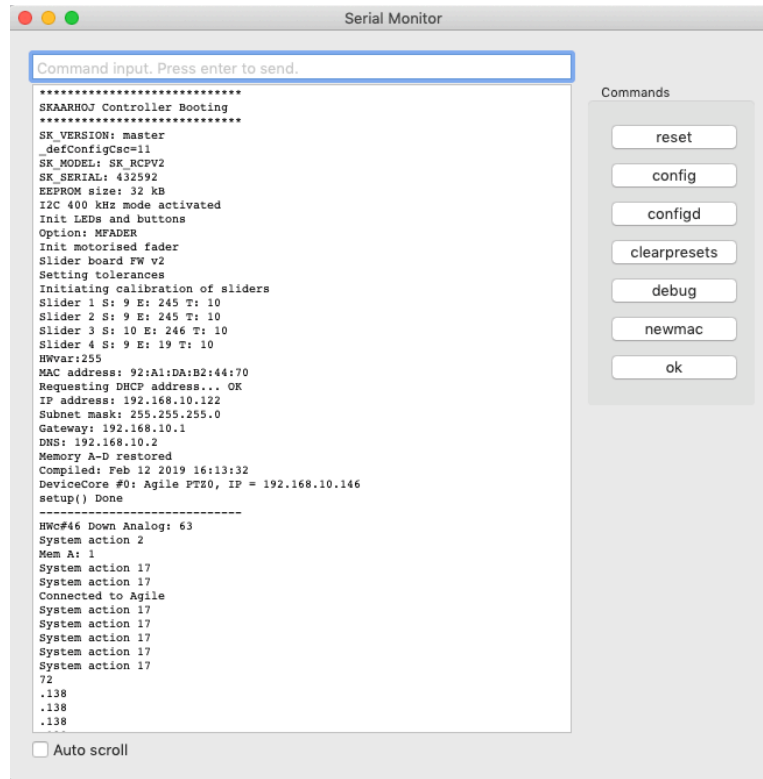
Current User:	N/A
Compiler Version:	4.8.3 MPLAB XC32 Compiler v2.10
Harmony Version:	2.05
TCP Stack Version:	7.30
Build Date:	May 3 2019 06:03:37
Software Version:	2.0 Ubus Bi-Directional PRODUCTION release

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With current integration it is just possible to connect to *one* camera per Device Core.

Communication is TCP on port 9761. Hardware address is set to 255 (Broadcast address).

In order to confirm connection to the camera have been established look for the command "Connected to Agile" in the serial monitor. If no connection have been established the serial monitor will report "Agile timed out".



Camera Settings

A fixed IP must be set on the camera, and the Agile Device Core must have the same IP address as the camera.

IP Interface Configuration

CAUTION: Incorrect settings may cause the camera to lose network connectivity. Recovery options will be provided on the next page.

Enter the new settings for the network interface below:

MAC Address:

d8:80:39:c5:07:b5

Host Name:

ROSETTAV3_ARC

Enable DHCP:

☐

IP Address:

192.168.10.146

Gateway:

192.168.10.1

Subnet Mask:

255.255.255.0

Primary DNS:

192.168.10.2

Secondary DNS:

0.0.0.0

Save Settings

Actions

Currently, Pan, Tilt, Zoom (notice are currently assigned to pan/tilt), Focus, Focus One Push, Exposure Mode, Iris, Sensor Gain, Shutter IR, AWB Mode, AWB Exec and Gain are implemented.

Agile PTZ Cameras: Pan
 Agile PTZ Cameras: Tilt
 Agile PTZ Cameras: Pan/Tilt
 Agile PTZ Cameras: Zoom
 Agile PTZ Cameras: Zoom (Binary)
 Agile PTZ Cameras: Auto Focus
 Agile PTZ Cameras: Focus
 Agile PTZ Cameras: Focus One Push
 Agile PTZ Cameras: Exposure Mode
 Agile PTZ Cameras: Iris
 Agile PTZ Cameras: Sensor Gain
 Agile PTZ Cameras: Shutter
 Agile PTZ Cameras: IR
 Agile PTZ Cameras: AWB Mode
 Agile PTZ Cameras: AWB Exec
 ✓ ~~Agile PTZ Cameras: Pedestal (Camera)~~
 Agile PTZ Cameras: Gain
~~Agile PTZ Cameras: Pedestal~~
 Agile PTZ Cameras: Preset
~~Agile PTZ Cameras: Output Format~~
~~Agile PTZ Cameras: Zoom Pan/Tilt Speed Adjust~~
~~Agile PTZ Cameras: Power~~
~~Agile PTZ Cameras: Speed Limit~~
~~Agile PTZ Cameras: Camera Select~~

Regarding "Bright" for AE mode

Only when the AE mode is set to "Full Auto" or "Shutter Priority" can one switch to Bright