

Device: Panasonic PTZ

Update February 2019: Working on integration with the AW-UE150

Compatibility

With our Panasonic PTZ Device Core we currently have comprehensive support for the:

- AW-HE130
- AW-HE120
- AW-UE70/AW-UN70
- AW-HE50
- AW-HE40

The complete lineup are not supported as the protocol varies for each model. We have integrated with the models we have had a high demand for and/or have had a chance to integrate with. For cameras *not* on the above list just basic pan, tilt, zoom and preset functionality are integrated as the protocol remains the same for these features across all models.



Description of the Panasonic PTZ Device Core from
<https://www.skaarhoj.com/support/device-cores/>

Note about AWB Exec

Notice when an auto white balance is executed the controller will momentarily loose connection to the camera, as the camera stops responding during this process.

Device Configurations

Device configuration options exist:

- Index 0: **Connect Timeout in ms**
- Index 1: **Reply Timeout in ms**

Default Connect Timeout = 100 ms. Timeout for the camera to accept the TCP connection.

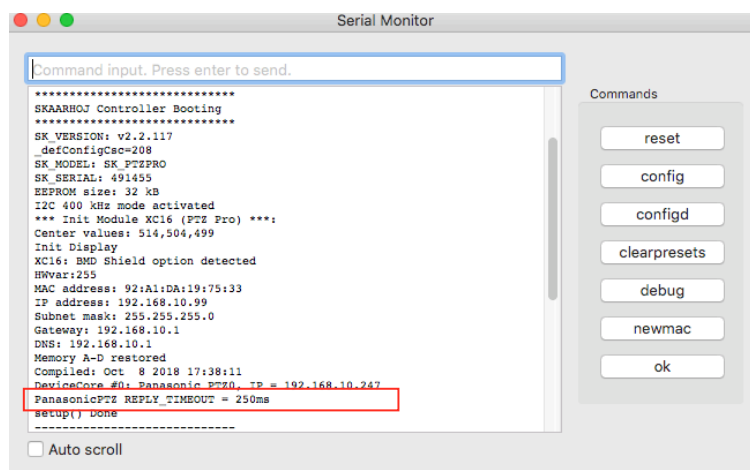
Default Reply Timeout = 200 ms. When connection have been accepted, the reply timeout is the time the controller waits for a reply.

In general increasing timeouts will decrease responsive but increase connection stability. The default values have been chosen based on tests at our facility but is not necessarily suitable for all cases.

Example I:

Setting "Reply Timeout" to 250 ms could look like this device configuration code: "D0:1=250" 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.

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:



Example: If the Panasonic PTZ device core is the first like below:

Device Cores

Below, you can see the currently enabled device support on your controller. You can add and delete device cores in accordance with your requirements up to a maximum of 14 devices. To understand the development states Mature, Beta, Alpha and Planned (as well as Pro and Planned actions), please check out the [device core support page](#). For general documentation, please see the [UniSketch Manual](#) and [System Actions Manual](#).

Panasonic PTZ +



Panasonic PTZ

Controls Panasonic AW-HEX series robotic cameras over IP. Currently, comprehensive support for AW-HE130, AW-HE120, AW-HE50, AW-HE40, AW-UE70/AW-UN70 (Beta) is available, while other models have basic PTZ and preset functionality.



Save Settings

Add another device +

Then setting the “Connect Timeout” would be set by this configuration under “Manage Media” on your configuration page for your controller on cores.skaarhoj.com

Manage Media

Here, you can add various types of media content to your configuration.

Panasonic PTZ ▾

Device Core Options

Some device cores support additional options that can be defined through this text field. Please refer to the manual for the particular device core for details.

D0:1=250

Strings

Add String

Images

Save Settings

Add Image

Example II:

Setting "Connect Timeout" to 200 ms and "Reply Timeout" to 250 ms could look like this device configuration code

```
D0:0=200,1=250
```

Manage Media

Here, you can add various types of media content to your configuration.

Panasonic PTZ ▾

Device Core Options

Some device cores support additional options that can be defined through this text field. Please refer to the manual for the particular device core for details.

D0:0=200,1=250

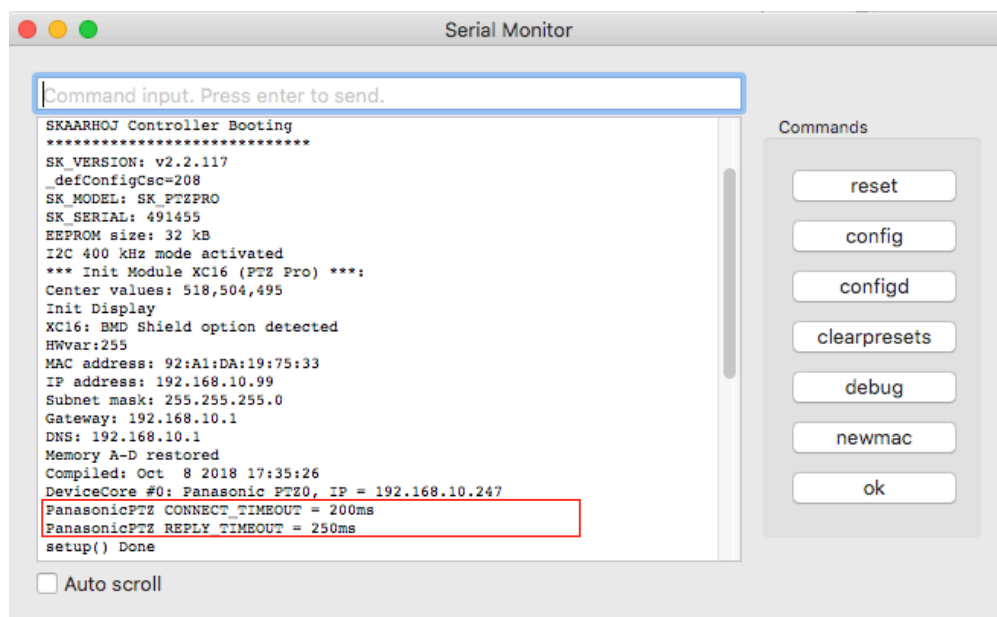
Strings

Add String

Images

Save Settings

Add Image



An excerpt of the list of Panasonic PTZ related actions.

	Panasonic PTZ: Pan
	Panasonic PTZ: Tilt
	Panasonic PTZ: Pan/Tilt
	Panasonic PTZ: Zoom
	Panasonic PTZ: Zoom (Binary)
	Panasonic PTZ: Auto Focus
	Panasonic PTZ: Focus
	Panasonic PTZ: Focus One Push
	Panasonic PTZ: Auto Iris
	Panasonic PTZ: Iris
	Panasonic PTZ: Sensor Gain
	Panasonic PTZ: Shutter
	Panasonic PTZ: Synchro-Scan
	Panasonic PTZ: Auto Shutter Limit
	Panasonic PTZ: Shutter Mode
	Panasonic PTZ: Scene File
	Panasonic PTZ: AWB Mode
	Panasonic PTZ: AWB Exec
	Panasonic PTZ: Pedestal (Camera)
	Panasonic PTZ: Gain
	Panasonic PTZ: Pedestal
	Panasonic PTZ: Detail
✓	Panasonic PTZ: Contrast Level
	Panasonic PTZ: Color Temperature
	Panasonic PTZ: ND Filter
	Panasonic PTZ: Preset
	Panasonic PTZ: Preset Speed
	Panasonic PTZ: Set Tally
	Panasonic PTZ: Audio Control
	Panasonic PTZ: Audio Volume
	Panasonic PTZ: Output Format
	Panasonic PTZ: Zoom Pan/Tilt Speed Adjust
	Panasonic PTZ: Power
	Panasonic PTZ: Speed Limit
	Panasonic PTZ: Camera Select