

PTZ-translator

PTZ-translator is a device that translates PTZ control signals between RS422 and IP, based on an ethernet connected microcontroller.

Configuration

You can change the settings in the webserver of the device, default address 192.168.10.170/setup.html

If you have changed the address and don't remember it, power up the unit while pressing the 'setup' button on the unit (hole next to ethernet connector) - this boots up with the default address 192.168.10.170

The IP-block on the webpage enables setting the IP information for the device. Also in this block, you can enable a firmware update.

Next you select the desired functionality.

If you select 'Visca > Visca over IP' and click 'save config', a block of 7 camera IP-addresses is shown.

Connection to ATEM

Make a cable according to the included pinout. On the ATEM control panel, press 'camera controls', and select 'visca'. Next, press 'detect'. Now, 7 cameras are detected (select with rotary dial). Visca over IP cameras can be controlled with the joystick as entered in the IP-address fields in the configuration webpage.

Cable ATEM - PTZ-translator

DB9 male	4 pin RS422
2	R-
3	T+
7	R+
8	T-

Update firmware

The current version of the firmware can be checked in the top of the webpage (fw....).

The Switch-iT firmware is updated via Ethernet. First you need to download the firmware file and the update tool for your PC or Mac.

- Before continuing, note down the ip-address of the unit.
- Install the update tool on the PC or Mac
- Be sure that the PC is in the same subnet as the device
- Start the update tool by double clicking the 'updater' icon
- Now enter the IP-address of the device in the uploader tool.
- in the webpage of the device, tick the box 'Update firmware' and click 'save config'
- Now press 'connect' in the update tool
- If the update tool is able to establish a connection, it shows 'Connected'
- Next select the new firmware file (click in the 'firmware file' box) and click 'Upload' in the update tool.
- The firmware transfer is started, progress is reported with '#' on screen.
- When the transfer is finished, it 'upload finished, disconnected' appears, and the device restarts.

You have now completed the firmware transfer.