



## **PTZ-slider**

On the PTZ-slider, a camera is mounted on a carriage which glides along a carbon track for smooth movement.

Traditionally, sliders have a local controller that has to be configured after setting up the system. ArtiVisuals has developed an interface which enables controlling the slider over a network with an existing PTZ controller, using the Visca over IP protocol which is more suitable in a studio setup.

You can use any Visca IP controller. However when you choose PTZ-link, it enables controlling the slider with a dual footswitch while at the same time adjusting the PTZ camera with the joystick. As an alternative, you can control the slider with Bitfocus Companion and an Elgato Streamdeck.

The PTZ-slider is based on a Konova P120 slider, which has a hardware adjustable inward or outward panning parallax effect.

The track has 1/4" and 3/8" threaded holes for mounting the slider on tripods.

Connect the output 'Motor' on the interface to the motor on the camera platform with the supplied network cable. Connect the interface to your the network with a network cable. Power up the interface with the supplied 7.5V AC adapter.

### **Interface setup**

You can set the IP-address of the unit on the webpage of the interface. The default IP-address is **192.168.10.175**. (Open a browser and type 192.168.10.175/setup.htm in the address bar)

If you changed the address, but don't remember it, press the setup-button (hole next to the network connector) while powering up. Now, the interface uses the default IP-address.

In the webpage you can also adjust adjust the speed of the slider motion.

Enter the IP-address in your PTZ controller.

### **Slider setup**

Select the slider in your controller, and move the slider with the joystick (pan left and right).

After powering up the interface, you have to set the begin and endpoint of the motion: move to the left, set preset 1, move to the right and set preset 2.

### **Slider control -Visca over IP**

Now, you have the following options:

- pan left and right
- recall preset 1 and 2: goto begin or end-point
- recall preset 3: play once
- recall preset 4: play loop
- set preset speed (Visca: set preset speed separate 0-24,  
8x 01 7E 01 0B xx qq FF)

## **Control with PTZ-link**

PTZ-link is a universal pan/tilt/camera controller, that has dual footswitch control for PTZ-slider and/or PTZ-lift.

To enable footswitch control, select Visca over IP and set the IP-address of the slider interface in the Camera - Slider menu.

Next, select 'Link to all' to always react on footswitches, of choose a camera that has to be selected to enable the footswitches.

Then, select the footswitch operating mode:

- Pan: footswitches control panning left and right
- Preset 1/2: move to left and right endpoint with the footswitches
- Once: move to position 1, move to position 2 and stop (left switch is stop)
- Loop: move between position 1 and 2 in an endless loop (left switch is stop)

Finally, set the motion speed (0-24).

When the interface is powered up, the footswitches are in pan-mode. After setting preset 1 and 2, footswitches follow the selected mode.

## **Control with Companion**

In Bitfocus Companion, add Sony Visca Connection, and enter the IP-address (default 192.168.10.175). Now you can add buttons as desired, e.g.: Pan Left/Pan Right/PT stop, Recall preset, Save preset. To change the speed:

Add a generic TCP/UDP connection, IP address of the slider (default 192.168.10.175) port 52381, connect with UDP.

Now for a button choose 'tcp-udp send command', with command:

```
%01%00%00%08%00%00%00%00%81%01%7E%01%0B%01%vv%FF
```

vv is the speed, ranging from 1 to 24 (1 to 18 hex).

## **Update firmware**

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

Default IP-address is **192.168.10.175**

The new 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.

## **Specifications:**

- Visca camera protocol
- use any Visca controller or
- PTZ-lift controller with footswitches
- 230V ac adapter 7.5V
- travel 100cm
- width 120cm
- network rj45
- payload: 10kg