

StreamEye Quick Start Guide

Accessing the Camera's URL control/settings/preview page

Each StreamEye camera has a Web-Based settings and control page available by connecting it to a network and using your internet browser to access it. This page allows for control and preview of the camera with zoom, pan and tilt in addition to others. Settings for the camera such as color and focus adjustment, IP assignment, camera layout and much more are located on this screen.

- First, connect an ethernet cable between camera Network port and computer. This can also be done via wifi if the camera has been given access to that network through a network switch or other connection. *Note that wifi connection will not allow for Camera Preview.
- Open the computer's settings -> Open network preferences -> Advanced -> TCP/IP -> Delete router number -> Set IP address as 192.168.5.1 -> Set the Subnet Mask as 255.255.255.0 -> Apply settings/Save
- Open Browser -> Enter 192.168.5.163 -> Opens page -> Select English at Top of Page -> "admin" is password and username. This can be changed in the camera's setting if desired.

Change Camera IP address for use with StreamEye IP-Control

To use multiple cameras with an IP-Control joystick controller, you will first need to make sure that each camera has a unique IP address.

The default IP address for all StreamEye cameras is 192.168.5.163. It is ok to keep the original IP address for one camera but all the others will need to be changed. In this example, we are only changing the last digit of the IP address on each camera.

- While viewing the camera's settings/preview page from a browser, go to Camera Configuration -> Network Configure -> Ethernet -> Change Second Camera IP Address from 192.168.5.163 to 192.168.5.164, 3rd camera will be 192.168.5.165 and so on.
- Keep in mind the IP-Control has a default IP Address of 192.168.5.101. This IP Address should not be assigned to any other camera or device accessing the network.

If the cameras are on a LAN, please follow the instructions given by your IT administrator for what IP address to assign here.

CAUTION: MAKE NOTE OF ANY IP ADDRESS CHANGES THAT ARE MADE TO THE STREAMEYE CAMERAS. There is no easy way to revert back to factory default if the IP address is changed and forgotten. It can be done, but it isn't something Streameye is able to provide support for.

StreamEye IP-Control Joystick Controller Setup

The StreamEye IP-Control Joystick Controller can control up to 255 cameras. Each camera will need to have a unique IP address that is in the same range as the IP-Control. The IP-Control's default IP Address is 192.168.5.101. The cameras being controlled would need a similar address.

- Turn on controller after cat5 is plugged in from network switch to controller
- Wait until an IP Address appears on screen
- Press the "search" button on controller.
- The IP Address found by the controller will display.
- Press "enter".
- Enter username of camera: admin
- Enter password of camera: admin
- Enter a number for the camera. 1 will assign it to CAM 1 Hotkey, 2 to CAM2 Hotkey
- Press "inquire" on controller
- Press "enter"

To Change Camera ID

- Hit search and the controller scans the entire network and displays what IP Addresses it finds.
- When you're looking at the desired IP address, click the button on the top of the joystick
- 'admin' is both user and password
- it's going to ask what camera position you want it to be, select your desired position and press enter

How to set up daisy chain RS232 on a multi-camera package

Plug first camera directly into the keyboard

Cam → 1 → enter → set ID (hold)

Unplug camera 1 from keyboard and Plug next camera directly into the keyboard

Cam → 2 → enter → set ID (hold)

And so on for however many cameras to set up

Once complete, come out of control, into camera 1, out of camera 1, into camera 2, out of camera 2, etc.

Switching between cameras after all are identified

Cam → 1 → enter

Cam → 2 → enter

Here are some additional StreamEye specs:

- The cameras are available in 10x, 20x, 30x. The sensor is 1 / 2.8 inch HD CMOS sensor.
- Standard format is 16:9 at 2.07 megapixel.
- Video output can be all the way up to 1080p 60 and all common formats below that.
- Output is on HDMI and SDI simultaneously. You also have onboard streaming, control, and preview via network.
- Full set-up via network is available with color balancing, camera set-up, streaming set-up, and all typical preferences such as brightness, color, etc.
- Camera can be controlled by any common joystick controller utilizing VISCA control protocol or via control system over IP or RS232 and also full URL based control.