



# Remote Configuration with Password Control

Document History:

July 19, 2016. Initial release. Document version 1.0. DB

## 1 INTRODUCTION

---

Remote configuration and remote control of Streambox Avenir encoders can be a very powerful tool. All models of Avenir will securely connect to our remote-configuration server as soon as they establish any connection to the internet. Here we will review the features provided by the remote configuration page.

## 2 LOGGING IN

---

Log-in is easy – using your internet browser, open the <http://Avenir.Streambox.com/remote/> page and enter the serial number (Serial ID) of your Avenir encoder (see below). If you have set a password, then enter it in the Password field. If you have not set a password than leave Password blank. Click the 'Logon' button.



The screenshot shows the Streambox Remote Configuration page. It features the Streambox logo at the top left. Below the logo, the text 'Remote Configuration' is displayed. There are two input fields: 'Serial ID' and 'Password'. A 'Logon' button is located below the Password field. A 'Help' link is visible at the bottom left of the form area.

## 3 REMOTE CONFIGURATION PAGE

---

From the Remote Configuration page (see image on right) you can:

- **Remote Connection**

Remote access to an Avenir from anywhere in the world can be very useful. It can allow a remote producer to control the activity of the Avenir. It can allow support or IT technicians to address issues with stream quality or connectivity. There are 3 versions of the web interface to choose from:

- Advanced – This is the full web interface providing the user full control of the Avenir
- Light – This is a lighter version of the Advanced interface (Recommended)
- Micro/Drone – This is a mobile version of the web interface designed specifically for the Avenir Micro and Avenir Drone only

Note: If the Avenir is offline (turned off or not connected to the internet) then the Remote Connection will be unavailable (noted by a - ).



The screenshot shows the Streambox Current Remote Configuration page. It features the Streambox logo at the top left. Below the logo, the text 'Current Remote Configuration' is displayed. There are three buttons for 'Remote Connection': 'Advanced', 'Light', and 'Micro/Drone'. The 'Light' button is selected. Below these buttons, the following information is displayed: 'S/N E15796199.7D', 'IP Address 50.22.29.50', 'Start Time 2016-07-06 10:41:11', and 'Status Online'. There are two input fields: 'Alias' and 'Password'. The 'Alias' field has a 'set alias' button next to it, and the 'Password' field has a 'set password' button next to it. Below the input fields, there is a link for 'Access History show'. At the bottom, there are two buttons: 'Reload' and 'Logout'.

- **Data**

- Serial Number (S/N or Serial ID)
- IP Address – This is the IP address being used by the Avenir encoder
- Start Time – This is a date stamp
- Status – This is the status of the Avenir encoder: Offline (-), Online, and Streaming

## Remote Configuration

- **Alias**

It is easier to remember an alias than a serial number for log-in. Thus, if you set an alias, for example Dave, you can either log on using the alias udDave (ud is prepended to all aliases) or its respective serial number, E15796199.7D. At any time, you can change the alias, or if you choose delete the alias by leaving the Alias field empty, and then click the 'set alias' button.

- **Password**

To ensure that unauthorized individuals do not access your Avenir device, it is advisable that you set a password. To set a password simply enter any string of characters (5 to 25 characters) and click the 'set password' button. At any time, you can change the password, or if you choose delete the password by leaving the Password field empty, and then click the 'set password' button.

**Note:** Passwords can be reset/cleared only by Streambox support (<http://www.streambox.com/support/>)

- **Access History**

Sometimes it is helpful to know the access history of your Avenir; a record of each time the Avenir goes on-line. Clicking 'show' will reveal a table of the most recent records (see example below).

hide

Access History

Serial Number	IP Address	Start time
E15796199.7D	50.22.29.50	2016-07-06 10:41:11
E15796199.7D	50.22.29.50	2016-07-05 18:13:36
E15796199.7D	50.22.29.50	2016-07-05 17:54:26
E15796199.7D	70.19.37.156	2016-07-05 17:53:21
E15796199.7D	50.22.29.50	2016-07-05 17:52:18
E15796199.7D	50.22.29.50	2016-07-05 10:49:24
E15796199.7D	50.22.29.50	2016-07-02 15:58:42
E15796199.7D	50.22.29.50	2016-07-01 15:37:41
E15796199.7D	50.22.29.50	2016-07-01 13:58:22

- **Reload & Logout**

At times, there may be a need to reload the Remote Configuration page; for example, when testing a change in status of an Avenir. Simply click the 'Reload' button at the bottom of the Remote Configuration page.

Though not required, it is good practice for security reasons to log out of this page; click the 'Logout' button at that bottom of the Remote Configuration page.