

# **IP / Serial Driver for OmniStream<sup>®</sup> Single-Channel Networked AV Decoder**

## Version Information

---

Version	Release Date	Notes
1	10/17	Initial release

# Instructions

---

## Installation

This driver allows you to control an Atlona OmniStream Single-Channel Decoder (AT-OMNI-121) from Control4.

- Make sure that the the OmniStream decoder is running the latest version of firmware and that the decoder is operating correctly before setting up the Control4 driver.
- Set the OmniStream decoder to a static IP address or make sure that it always receives the same IP address from the DHCP server using a MAC-based reservation.
- When using serial control (alone or as a backup to IP control), make the appropriate input serial connection. If both protocols are being used and IP fails, the driver will use serial and then switch to IP when it is restored.
- Connect the HDMI and analog inputs and outputs as required.
- Use the action 'Set Source Parameters' to specify the multicast IP addresses and ports for each source.

## Operating Notes



### IMPORTANT:

- CEC and RS-232 control are currently not supported.
- This driver current supports the factory default input configuration: Inputs 1 and 2 for video, inputs 3 and 4 for audio.
- Volume ramping up and down are not supported and are processed as pulse (one increment at a time).
- When a “watch” command is used, the corresponding audio (when specified for the selected source) is also switched. If no audio multicast/port is specified for the selected source, then no audio switching is performed (e.g. the previous audio input is maintained). The Control4 Navigator interface will show only the selected video source.
- Use a “listen” command to switch to the analog audio input. The Control4 Navigator interface will only show the selected audio source. In this case, the following applies:
  - \* The analog audio replaces the audio from the selected HDMI input.
  - \* The external 48 V DC power supply is required only for analog audio.
  - \* Analog audio input will not loop to the analog audio output. However, analog output to analog input will work.
- Volume and mute relate only to the analog audio outputs, when used as end-points. In this case, the following applies:
  - \* The audio of the HDMI output is converted to analog, but is disabled on the HDMI output.
  - \* Incoming audio must be set to PCM, otherwise, analog audio will not function properly.
  - \* The external 48 V DC power supply is only required for analog audio.

## Support

Support for this driver is available through the Atlona product support portal at <http://www.atlona.com/product-support>. If possible, provide a detailed description of the problem, including the version number of the driver and the version of Control4 that is being used.

