

Quick start guide: AWS Elemental Link

Configure AWS Elemental Link for DHCP IP addressing



Before you begin, please read the AWS Elemental Link Safety Manual: <http://amzn.to/LinkSafetyManual>. You can find more information on Link features at <https://aws.amazon.com/medialive/features/link/>. Help for Link devices is provided by AWS Support: <https://console.aws.amazon.com/support/home/>.

1. Plug in the power supply. Lock the connector into place by turning clockwise until tight.
2. Connect an Ethernet cable with internet connectivity and attach an SDI or HDMI cable with active video.*
3. Allow about one minute for the device to power on and connect to AWS. The LED lights should appear as follows:
 - Blue lights on the Online LED and the AWS Link LED indicate the device connected to AWS Elemental MediaLive.
 - A purple light on the Streaming LED indicates a valid video signal.
4. Open the AWS Elemental MediaLive Console at <https://console.aws.amazon.com/medialive/>.
5. In the MediaLive navigation pane, choose **Devices**. The Devices page shows all the AWS Elemental Link devices that you have set up. Each device ID in the Console should match the ID printed on the bottom of one of your physical devices.

To use the device in MediaLive, create an input that uses this device as its source:

1. In the navigation pane, choose **Inputs**.
2. On the **Inputs** page, choose **Create input**.
3. For **Input type**, choose **Elemental Link**.
4. In the **Input devices** field, choose the device you just set up.

You are now ready to use this input in a channel. When you start or stop a channel that includes a device input, the channel automatically starts and stops the device. You never need to work directly with the physical device.

* Make sure router ports 123, 443, and 2088 are open for outbound connections. Most commercial routers enable this by default.

Quick start guide: AWS Elemental Link

Configure AWS Elemental Link for static IP addressing



Before you begin, please read the AWS Elemental Link Safety Manual: <http://amzn.to/LinkSafetyManual>. Only follow these instructions on networks configured for **static IP addressing**. Keep in mind that most networks are configured for DHCP addressing.

1. Plug in the power supply. Lock the connector into place by turning clockwise until tight.
2. Attach an SDI or HDMI cable with active video.
3. Allow about one minute for the device to power on. The red lights on the Online LED and the AWS Link LED indicate that there is no connection to AWS Elemental MediaLive. This is expected.
4. Press and hold the black button on the front of the device for 10 seconds.
5. When the LED lights flash twice, release the button. The device has now switched to a default static IP address. **
6. Find the sticker on the bottom of the device. Make a note of the Static/GUI address, the admin username, and admin password.
7. Connect to the device. Use an Ethernet cable to connect the device directly to your computer. Your computer must be configured with an IP address on the same subnet as the Static/GUI IP address for the device.
8. From your computer, use a web browser to enter the Static/GUI IP address. Be sure to use https (not http). At the prompts, log in with the admin credentials.
9. When the network configuration page appears, enter the Static/GUI IP address that you want to use on your network along with the appropriate subnet mask, gateway, and DNS (optional).
10. Open the left navigation in the device GUI and select **Change Password**. Update the admin username and admin password to custom values. We recommend using a strong password.

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11. Unplug the cable going from your computer to your device. Connect the device to an Ethernet cable with internet connectivity.***
12. After a short time, the LEDs on the device should appear as follows:
 - Blue lights on the Online LED and the AWS Link LED indicate the device connected to AWS Elemental MediaLive.
 - A purple light on the Streaming LED indicates a valid video signal.
13. Open the AWS Elemental MediaLive Console at <https://console.aws.amazon.com/medialive/>.
14. In the MediaLive navigation pane, choose **Devices**. The Devices page shows all AWS Elemental Link devices that you have set up. Each Device ID in the Console should match the ID printed on the bottom of one of your physical devices.

To use the device in MediaLive, create an input that uses this device as its source:

1. In the navigation pane, choose **Inputs**.
2. On the **Inputs** page, choose **Create input**.
3. For **Input type**, choose **Elemental Link**.
4. In the **Input devices** field, choose the device you just set up.

You are now ready to use this input in a channel. When you start or stop a channel that includes a device input, the channel automatically starts and stops the device. You never need to work directly with the physical device.

You can find more information on Link features at <https://aws.amazon.com/medialive/features/link/>. Help for Link devices is provided by AWS Support: <https://console.aws.amazon.com/support/home/>.

** If you ever need to revert Link from a static IP address back to DHCP, press and hold the black button on the front of the device for five seconds. When the LEDs flash once, release the button. The device is then set to DHCP.

*** Make sure router ports 123, 443, and 2088 are open for outbound connections. Most commercial routers enable this by default.