

Live Streaming Room Setup Guide

Hollyland VenusLiv





Live Streaming Room Solution

- Virtual Background Live Streaming Room Solution
- Real-Scene Live Streaming Room Solution
- Universal Live Streaming Equipment List

Live streaming rooms can be broadly classified into two categories: **virtual background streaming rooms** and **real-scene streaming rooms**.

Virtual background rooms commonly utilize green screen technology, offering flexible setup and the ability to quickly switch backgrounds, including various images or video materials.

Real-scene streaming rooms require space to create different scenes, such as living rooms, kitchens, or clothing stores, suitable for live streaming most larger items.

A woman with long dark hair is playing an acoustic guitar in a room. She is wearing a black t-shirt and has headphones around her neck. In the foreground, a smartphone is mounted on a camera, displaying a live stream of her playing the guitar. The background of the room is dimly lit, showing a window with blinds and a plant. The overall scene is set in a virtual background for a live stream.

Virtual Background Live Streaming Room Solution



2-Light Solution

Green Screen

Host

Fill Light

Umbrella Frame
Deep SoftBox

Key Light

Umbrella Frame
Deep SoftBox

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4-Light Solution

Green Screen

Host

Background Light

Lantern SoftBox

Background Light

Lantern SoftBox

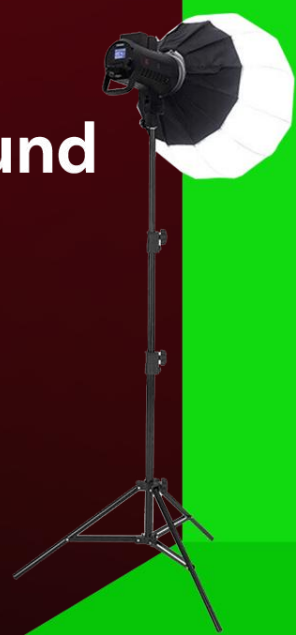
Fill Light

Umbrella Frame Deep SoftBox

VenusLiv

Key Light

Umbrella Frame Deep SoftBox





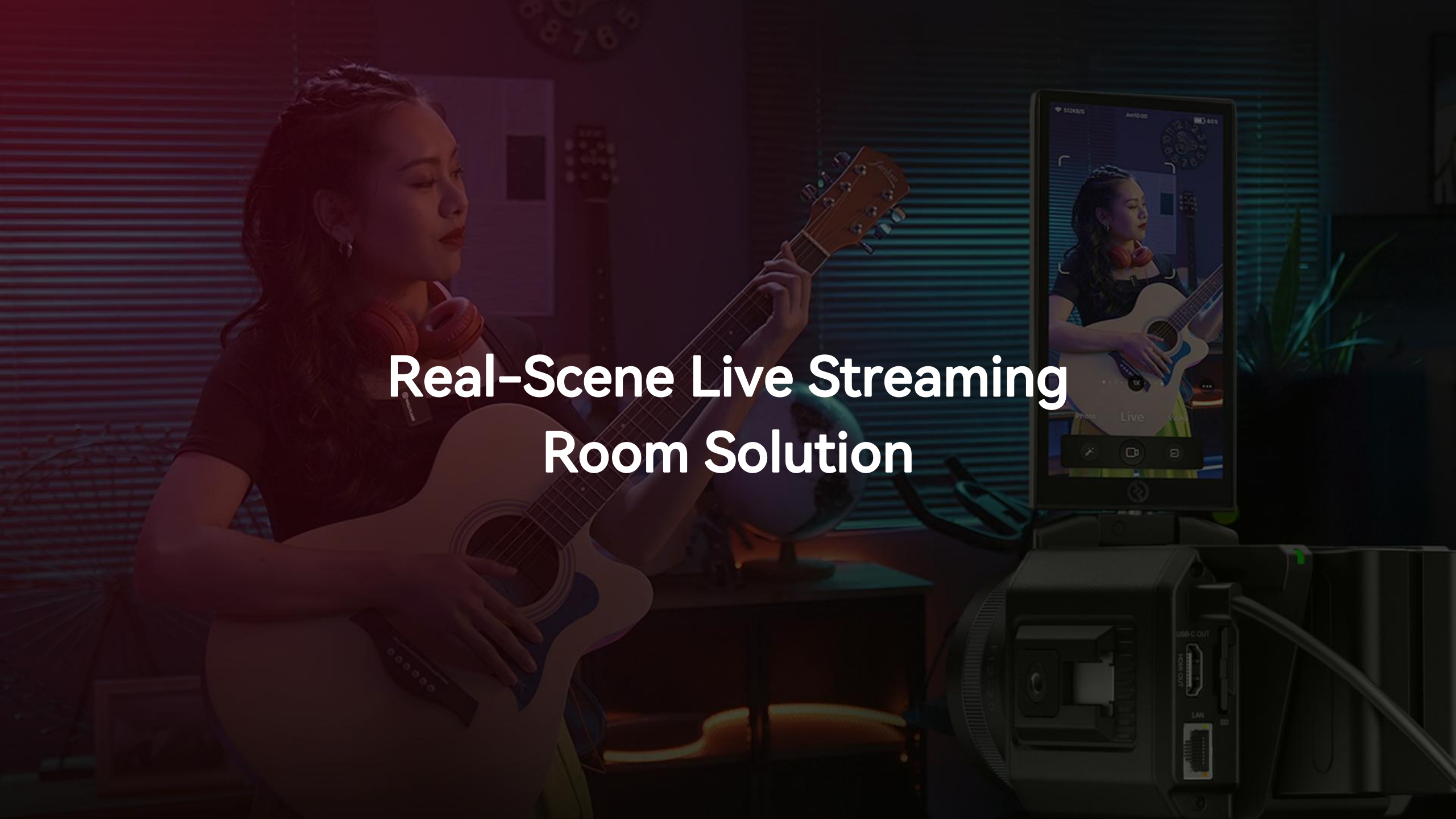
Virtual Background Live Streaming Room Solution

2-Light Solution & 4-Light Solution

To get a perfect green screen cutout during live streaming, you need to ensure uniform illumination of the green screen. A smooth, deep green-colored green screen with low reflectance is ideal. Depending on the room size, you can choose between a 2-light solution for spaces under 10m² and a 4-light solution for spaces between 10m² and 15m².

Precautions

1. Make sure to keep at least 1 meter of space between the green screen and the host or objects.
2. The green screen must be evenly lit, so be sure to check that.
3. Control lighting so that shadows of people or objects do not cast on the green screen background.

A woman with long dark hair, wearing a black t-shirt and large headphones, is playing an acoustic guitar in a room. The room is dimly lit with warm, reddish-brown tones. In the background, there are shelves with various items, including a clock and a guitar. To the right, a smartphone is mounted on a camera, displaying a live stream of the woman playing the guitar. The phone screen shows a social media interface with a 'Live' indicator and a '50s' timer. The overall scene is a real-scene live streaming setup.

Real-Scene Live Streaming Room Solution



2-Light Solution

Real-Scene Background

Host



Fill Light

Umbrella Frame
Deep SoftBox



Key Light

Umbrella Frame
Deep SoftBox

VenusLiv





4-Light Solution

Top Light

Umbrella Frame
Deep SoftBox

Real-Scene Background

Host

Background Light

Lantern SofBox

Fill Light

Umbrella Frame
Deep SoftBox

VenusLiv

Key Light

Umbrella Frame
Deep SoftBox





Real-Scene Live Streaming Room Solution

2-Light Solution & 4-Light Solution

Real-scene streaming rooms are better for creating a more realistic atmosphere and visuals. They don't require as much precision in lighting control as green screen rooms but need a larger space and specific scene layout. For rooms under 10m², the 2-light solution is sufficient, while rooms from 10m² to 15m² require the 4-light solution.

Precautions

1. The real-scene background needs to be evenly lit; background light brightness must not exceed the key light.
2. The number of lights mentioned is just a guideline. Adjust as needed for the room size, set design, and atmosphere.
3. For standing scenarios, overall fill lighting is required; the number of lights may need to be increased, and different lampshades may need to be used for optimal fill lighting.



- **Key Light**

Brightens the host's body and the left side of the face.

- **Fill Light**

Brightens the host's body and the right side of the face (slightly dimmer than the key light, adds shadows for depth; fewer shadows for female hosts, more for male hosts).

- **Top Light**

Add a top light to highlight the hair and shoulders and create a three-dimensional effect against the background. Keep the color temperature at 4500K for the atmosphere.

- **Floor Light**

Brightens the host's waist-down area and provides even lighting.

- **Rim Light**

Highlights the host's edges of the body and arms and creates a three-dimensional effect against the background. Keep the color temperature at 4500K for the atmosphere.

- **Ambient Light**

Illuminates the background; but adjusts its placement and angle based on the scene. Keep the color temperature at 4500K for the atmosphere.



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