

Suggestions for live streaming equipment and parameter settings



I. Live Streaming via eLink Live Client

1. Live Streaming Device

CPU: Intel i5 - 9300

Graphics Card: NVIDIA GTX 1060 3GB

Memory: Over 8GB

2. Live Streaming Network

Stable upload speed of 3000KB/S;

3. Camera

Logitech C920 or C930e, or other HD cameras capable of supporting 1080P (resolution should support at least 1280*720);

Camera Resolution: 1920*1080 or 1280*720;

4. Beautification Software

It is recommended to use the beautification tool built - in the eLink Live Client;

5. Live Streaming Parameters

Clarity Settings:

Ultra - HD: Bitrate around 3200, Frame Rate 24, 1080P

HD: Bitrate around 2400, Frame Rate 15, 1080P

SD: Bitrate around 1600, Frame Rate 15, 1080P

Clear: Bitrate around 1000, Frame Rate 15, 1080P

II. Live Streaming via eLink Live Mini Program

1. eLink Live Mini Program - Streaming Instructor

Ultra - HD: Bitrate around 3200, Frame Rate 30, 1080P

HD: Bitrate around 2400, Frame Rate 24, 1080P

Clear: Bitrate around 1600, Frame Rate 24, 1080P

Smooth: Bitrate around 1000, Frame Rate 24, 1080P

2. eLink Live Mini Program (Multi - person) - Students/Guests

No Selection: Bitrate 400, Frame Rate 15, 540P

III. Live Streaming via eLink Live APP

Clarity Settings:

Ultra - HD: Bitrate around 3200, Frame Rate 30, 1080P

HD: Bitrate around 2400, Frame Rate 24, 720P

SD: Bitrate around 1600, Frame Rate 24, 540P

Smooth: Bitrate around 1000, Frame Rate 24, 360P

IV. Live Streaming via eLink Assistant

1. Live Streaming Device

CPU: Intel i5 - 9300

Graphics Card: NVIDIA GTX 1060 3GB

Memory: Over 8GB

2. Live Streaming Network

Stable upload speed of 3000KB/S;

3. Camera

Logitech C920 or C930e, or other HD cameras capable of supporting 1080P (resolution should support at least 1280*720);

Camera Resolution: 1920*1080 or 1280*720;

4. Beautification Software

It is recommended to use the beautification tool built - in the eLink Assistant;

5. Live Streaming Parameters

Clarity Settings:

Ultra - HD: Bitrate around 3200, Frame Rate 24, 1080P

HD: Bitrate around 2400, Frame Rate 15, 1080P

Clear: Bitrate around 1600, Frame Rate 15, 1080P

Smooth: Bitrate around 1000, Frame Rate 15, 1080P

V. Live Streaming via PC Web

1. Live Streaming Device

CPU: Intel i5 - 9300

Graphics Card: NVIDIA GTX 1060 3GB

Memory: Over 8GB

2. Live Streaming Network

Stable upload speed of 3000KB/S;

3. Camera

Logitech C920 or C930e, or other HD cameras capable of supporting 1080P (resolution should support at least 1280*720);

Camera Resolution: 1920*1080 or 1280*720;

4. Live Streaming Parameters

Clarity Settings(No Selection):

Main Stream (Camera): Bitrate around 900, Frame Rate 15, 720P

Secondary Stream (Screen Sharing): Bitrate around 2000, Frame Rate 15, 720P

VI. Third - Party Streaming (OBS)

1. Live Streaming Parameters

Bitrate: The recommended bitrate is 1500 - 3000, which can be selected according to the network speed and computer equipment as needed.

Frame Rate: The higher the frame rate, the smoother the picture. It is recommended to set the common FPS value to 30;

Smooth: 1000

SD: 1600

HD: 2400

Ultra - HD: 3200

And so on...

2. OBS Usage Tutorial

You can refer to the following link :

https://helpcenter.xiaoe-tech.com/#/problem/detail?document_id=doc_5eb50e26e1f6e_fcnlf

Or search in the Help Center: OBS Client Usage Tutorial

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