CLAIMS

1. A method for generating a target video, comprising:

acquiring live streaming data, wherein the live streaming data comprises video data, and at least one of audio data and live interaction data;

processing the live streaming data to generate, based on an object comprised in a processing result, a video measurement value and at least one of an audio measurement value and an interaction measurement value;

generating, based on the video measurement value and the at least one of the audio measurement value and the interaction measurement value, a comprehensive measurement value of the live streaming data; and

generating a target video based on the live streaming data, in response to a determination of the comprehensive measurement value of the live streaming data satisfying a preset condition,

wherein the live streaming data comprises a plurality of live streaming slice set obtained by slicing the live streaming data in a period, and each live streaming slice set comprises a plurality of live streaming slices, and

the generating a target video based on the live streaming data, in response to a determination of the comprehensive measurement value of the live streaming data satisfying a preset condition comprises:

in a case that a quantity of live streaming slices satisfying a condition for comprehensive measurement value in one of the plurality of live streaming slice set is greater than a target quantity, using the live streaming slice set as the target video, and

wherein the condition for comprehensive measurement value comprises that a comprehensive measurement value corresponding to the live streaming slice is less than the comprehensive measurement value of the live streaming data.

2. The method according to claim 1, wherein the processing the live streaming data to generate, based on an object comprised in a processing result, a video measurement value comprises:

performing image recognition on video frames in the video data, to determine a quantity

of images belonging to a first preset category image and a quantity of images belonging to a second preset category image; and

generating the video measurement value based on the quantity of images belonging to the first preset category image and the quantity of images belonging to the second preset category image.

3. The method according to claim 2, wherein the generating the video measurement value based on the quantity of images belonging to the first preset category image and the quantity of images belonging to the second preset category image comprises:

acquiring a preset image weight corresponding to the first preset category image and a preset image weight corresponding to the second preset category image; and

calculating a weighted sum of on the quantity of images belonging to the first preset category image and the quantity of images belonging to the second preset category image, based on the preset image weight corresponding to the first preset category image and the preset image weight corresponding to the second preset category image, to generate the video measurement value.

4. The method according to claim 1, wherein the live streaming data comprises the audio data; and

the processing the live streaming data to generate, based on an object comprised in a processing result, an audio measurement value comprises:

performing speech recognition on the audio data to generate speech-recognition texts;

determining a quantity of speech-recognition texts belonging to a first preset category text in the speech-recognition texts and a quantity of speech-recognition texts belonging to a second preset category text in the speech-recognition texts; and

generating the audio measurement value, based on the quantity of speech-recognition texts belonging to the first preset category text and the quantity of speech-recognition texts belonging to the second preset category text.

5. The method according to claim 1, wherein the live streaming data comprises the live interaction data, and

the processing the live streaming data to generate, based on an object comprised in a processing result, an interaction measurement value comprises:

determining a quantity of target interactions indicated by the live interaction data; and

generating the interaction measurement value based on the quantity of target interactions.

6. The method according to claim 5, wherein the target interactions comprise at least two of a first preset interaction, a second preset interaction and a third preset interaction, and

the generating the interaction measurement value based on the quantity of target interactions comprises:

calculating a weighted sum based on the quantity of target interactions, a preset interaction weight corresponding to the first preset interaction, a preset interaction weight corresponding to the second preset interaction, and a preset interaction weight corresponding to the third preset interaction, to generate the interaction measurement value.

7. The method according to claim 1, wherein the generating, based on the video measurement value and the at least one of the audio measurement value and the interaction measurement value, a comprehensive measurement value of the live streaming data comprises:

acquiring a preset weight corresponding to the video measurement value, and the at least one of a preset weight corresponding to the audio measurement value and a preset weight corresponding to the interaction measurement value;

normalizing the video measurement value and the at least one of the audio measurement value and the interaction measurement value; and

calculating a weighted sum of the normalized video measurement value and the at least one of the normalized audio measurement value and the normalized interaction measurement value, to generate the comprehensive measurement value of the live streaming data.

8. The method according to claim 1, wherein the live streaming data comprises the audio data, and the generating a target video based on the live streaming data comprises:

determining, based on sentence integrity of a recognized text corresponding to the audio data, a start position and an end position for clipping the live streaming data; and

generating the target video based on clipped live streaming data.

9. The method according to claim 8, wherein the generating the target video based on the clipped live streaming data comprises:

adding a special effect to the clipped live streaming data to generate the target video.

10. An apparatus for generating a target video, comprising:

at least one processor;

a storage device storing at least one program, wherein

the program, when executed by the processor, causes the processor to

acquire live streaming data, wherein the live streaming data comprises video data, and at least one of audio data and live interaction data;

process the live streaming data to generate, based on an object comprised in a processing result, a video measurement value and at least one of an audio measurement value and an interaction measurement value;

generate, based on the video measurement value and the at least one of the audio measurement value and the interaction measurement value, a comprehensive measurement value of the live streaming data; and

generate a target video based on the live streaming data, in response to a determination of the comprehensive measurement value of the live streaming data satisfying a preset condition,

wherein the live streaming data comprises a plurality of live streaming slice set obtained by slicing the live streaming data in a period, and each live streaming slice set comprises a plurality of live streaming slices, and

the program, when executed by the processor, causes the processor to:

in a case that a quantity of live streaming slices satisfying a condition for comprehensive measurement value in one of the plurality of live streaming slice set is greater than a target quantity, use the live streaming slice set as the target video, and

wherein the condition for comprehensive measurement value comprises that a comprehensive measurement value corresponding to the live streaming slice is less than the comprehensive measurement value of the live streaming data.

11. The apparatus according to claim 10, wherein the program, when executed by the processor, causes the processor to:

perform image recognition on video frames in the video data, to determine a quantity of images belonging to a first preset category image and a quantity of images belonging to a second preset category image; and

generate the video measurement value based on the quantity of images belonging to the first preset category image and the quantity of images belonging to the second preset category image.

12. The apparatus according to claim 11, wherein the program, when executed by the processor, causes the processor to:

acquire a preset image weight corresponding to the first preset category image and a preset image weight corresponding to the second preset category image; and

calculate a weighted sum of on the quantity of images belonging to the first preset category image and the quantity of images belonging to the second preset category image, based on the preset image weight corresponding to the first preset category image and the preset image weight corresponding to the second preset category image, to generate the video measurement value.

13. The apparatus according to claim 10, wherein the live streaming data comprises the audio data; and

the program, when executed by the processor, causes the processor to:

perform speech recognition on the audio data to generate speech-recognition texts;

determine a quantity of speech-recognition texts belonging to a first preset category text in the speech-recognition texts and a quantity of speech-recognition texts belonging to a second preset category text in the speech-recognition texts; and

generate the audio measurement value, based on the quantity of speech-recognition texts belonging to the first preset category text and the quantity of speech-recognition texts belonging to the second preset category text.

14. The apparatus according to claim 10, wherein the live streaming data comprises the live interaction data, and

the program, when executed by the processor, causes the processor to:

determine a quantity of target interactions indicated by the live interaction data; and

generate the interaction measurement value based on the quantity of target interactions.

15. The apparatus according to claim 14, wherein the target interactions comprise at least two of a first preset interaction, a second preset interaction and a third preset interaction, and

the program, when executed by the processor, causes the processor to:

calculate a weighted sum based on the quantity of target interactions, a preset interaction weight corresponding to the first preset interaction, a preset interaction weight corresponding to the second preset interaction, and a preset interaction weight corresponding to the third preset interaction, to generate the interaction measurement value.

16. The apparatus according to claim 10, wherein the program, when executed by the processor, causes the processor to:

acquire a preset weight corresponding to the video measurement value, and the at least one of a preset weight corresponding to the audio measurement value and a preset weight corresponding to the interaction measurement value;

normalize the video measurement value and the at least one of the audio measurement value and the interaction measurement value; and

calculate a weighted sum of the normalized video measurement value and the at least one of the normalized audio measurement value and the normalized interaction measurement value, to generate the comprehensive measurement value of the live streaming data.

17. The apparatus according to claim 10, wherein the live streaming data comprises the audio data, and

the program, when executed by the processor, causes the processor to:

determine, based on sentence integrity of a recognized text corresponding to the audio data, a start position and an end position for clipping the live streaming data; and

generate the target video based on clipped live streaming data.

18. The apparatus according to claim 17, wherein the program, when executed by the processor, causes the processor to:

add a special effect to the clipped live streaming data to generate the target video.

19. A non-transitory computer-readable medium having a computer program stored thereon, wherein

the program, when executed by a processor, causes the processor to

acquire live streaming data, wherein the live streaming data comprises video data, and at least one of audio data and live interaction data;

process the live streaming data to generate, based on an object comprised in a processing result, a video measurement value and at least one of an audio measurement value and an interaction measurement value;

generate, based on the video measurement value and the at least one of the audio measurement value and the interaction measurement value, a comprehensive measurement value of the live streaming data; and

generate a target video based on the live streaming data, in response to a determination of the comprehensive measurement value of the live streaming data satisfying a preset condition,

wherein the live streaming data comprises a plurality of live streaming slice set obtained by slicing the live streaming data in a period, and each live streaming slice set comprises a plurality of live streaming slices, and

the program, when executed by the processor, causes the processor to:

in a case that a quantity of live streaming slices satisfying a condition for comprehensive measurement value in one of the plurality of live streaming slice set is greater than a target quantity, use the live streaming slice set as the target video, and

wherein the condition for comprehensive measurement value comprises that a comprehensive measurement value corresponding to the live streaming slice is less than the comprehensive measurement value of the live streaming data.

20. A computer program product comprising:

computer program instructions stored in a non-transitory computer readable storage medium,

wherein the computer program instructions, when executed by a computer, cause the

computer to implement the method according to claim 1.