Claims

1. A video processing method, comprising:

turning on a first camera located at a first side of a terminal so as to obtain a first video stream through the first camera;

turning on a second camera located at a second side of the terminal so as to obtain a second video stream through the second camera;

receiving a switching command and performing a preset switching operation on the first video stream and the second video stream according to the switching command;

recording receiving time of the switching command;

generating timeline information according to the receiving time and the preset switching operation, the timeline information being used to indicate a corresponding relationship between the receiving time and the preset switching operation;

simultaneously displaying the first video stream and the second video stream in a first area and a second area of a same display screen, respectively; and

in response to a preset operation, switching the first area of the first video stream and the second area of the second video stream during video recording, wherein the timeline information is updated at each instance upon switching, so as to obtain updated timeline information at each instance corresponding to the display of the first video stream and the second video stream on the same display screen.

2. The method according to claim 1, further comprising:

performing the preset switching operation on the first video stream and the second video stream according to the switching command comprises:

exchanging a display area where the first video stream is located and a display area where the second video stream is located;

and/or,

the video processing method further comprising:

enabling one of the first camera and the second camera to be in an on state and the other one of the first camera and the second camera to be in an off state at the same moment; and

performing the preset switching operation on the first video stream and the second video

stream according to the switching command comprises:

turning off the one, which is in the on state, of the first camera and the second camera and turning on the other one, which is in the off state, of the first camera and the second camera.

3. The method according to claim 2, further comprising:

turning on the first camera and the second camera simultaneously, wherein the first side and the second side are opposite;

and/or,

the video processing method further comprising:

obtaining an audio stream, wherein the audio stream is used to be synthesized with the first video stream and/or the second video stream, so that an obtained video has corresponding audio;

and/or,

a size of the first area is different from that of the second area; or

the first area is located in the second area; or

the first area and the second area have no overlapping part.

4. The method according to claim 2, wherein when a video obtained by the method is watched, the video which has the first video stream and the second video stream and contains the timeline information is displayed.

5. The method according to claim 4, wherein during watching, in response to a further preset operation, display areas of the first video stream and the second video stream are switched, and after the switching, updating is performed to obtain updated timeline information corresponding to the display of the first video stream and the second video stream.

6. The method according to claim 1 or 2, further comprising:

displaying the timeline information which includes time periods divided by time points, the time points including time points at which switching operations occur, and the time periods corresponding to switching information;

receiving an adjustment command, and determining a time period corresponding to the adjustment command; and

adjusting switching information of the time period according to the adjustment command.

7. The method according to claim 1 or 2, wherein the timeline information is displayed in a manner of segments, and a time point of a displayed video is controlled by selecting a previous

segment and a next segment of the timeline information through option buttons.

8. The method according to claim 1, further comprising:

outputting the timeline information;

and/or,

performing preset processing on the first video stream and the second video stream based on the timeline information.

9. The method according to claim 8, wherein performing preset processing on the first video stream and the second video stream comprises: exporting the first video stream and/or the second video stream and the timeline information to obtain an exported video.

10. The method according to claim 9, wherein the exported video comprises the first video stream and the second video stream as well as the timeline information, and another timeline information is generated in response to another switching command on the exported video.

11. The method according to claim 8, wherein performing preset processing on the first video stream and the second video stream comprises: performing editing on the first video stream and the second video stream, and the editing comprises:

resetting presentation modes of the first video stream and the second video stream; or

adjusting the timeline information to obtain another timeline information.

12. The method according to claim 6, wherein different time periods in the timeline information are represented by different visual elements, wherein different time periods correspond to different video streams or different display areas;

and/or,

wherein receiving the adjustment command and determining the time period corresponding to the adjustment command comprises:

receiving a preset trigger operation and determining a trigger position corresponding to the preset trigger operation; and

determining a time period corresponding to the trigger position on the timeline information based on a display position of the timeline information.

13. The method according to claim 12, wherein when output states or display areas of the first video stream and the second video stream are switched, the visual element changes accordingly.

14. A video processing device, comprising:

a camera enabling module, configured to turn on a first camera located at a first side of a terminal and turn on a second camera located at a second side of the terminal, so as to obtain a first video stream through the first camera and a second video stream through the second camera;

a switching module, configured to receive a switching command and perform a preset switching operation on the first video stream and the second video stream according to the switching command;

a recording module, configured to record receiving time of the switching command; and

a timeline generation module, configured to generate and display the timeline information according to the receiving time and the preset switching operation, the timeline information being used to indicate a corresponding relationship between the receiving time and the switching operation,

wherein the first video stream and the second video stream are simultaneously displayed in a first area and a second area of a same display screen, respectively, and

wherein the first area of the first video stream and the second area of the second video stream are switched during video recording, in response to a preset operation, wherein the timeline information is updated at each instance upon switching, so as to obtain updated timeline information at each instance corresponding to the display of the first video stream and the second video stream on the same display screen.

15. A video playing method, comprising:

receiving a video to be played, wherein the video to be played comprises a first video stream, a second video stream and timeline information, and the timeline information indicates a corresponding relationship between receiving time of a switching operation on the first video stream and the second video stream and the switching operation;

correspondingly displaying the first video stream and the second video stream according to the timeline information;

simultaneously displaying the first video stream and the second video stream in a first area and a second area of a same display screen, respectively, and

in response to a preset operation, switching the first area of the first video stream and the second area of the second video stream during video playback, wherein the timeline information is updated at each instance upon switching, so as to obtain updated timeline information at each instance corresponding to the display of the first video stream and the second video stream on the same display screen.

16. A video editing method, comprising:

receiving a video to be edited, wherein the video to be edited comprises at least a first video stream, a second video stream and timeline information, and the timeline information indicates a corresponding relationship between receiving time of a switching operation on the first video stream and the second video stream and the switching operation; and

editing the video to be edited based on the timeline information and the first and second video streams,

simultaneously displaying the first video stream and the second video stream in a first area and a second area of a same display screen, respectively, and

in response to a preset operation, switching the first area of the first video stream and the second area of the second video stream during video editing, wherein the timeline information is updated at each instance upon switching, so as to obtain updated timeline information at each instance corresponding to the display of the first video stream and the second video stream on the same display screen.

17. The video editing method according to claim 16, wherein editing the video to be edited comprises:

resetting presentation modes of the first and second video streams; or

adjusting the timeline information to obtain another timeline information.

18. The video editing method according to claim 17, wherein

the timeline information comprises time periods divided by time points, and the time points comprise receiving time of the switching operation; and

editing the video to be edited comprises: modifying a playing effect identifier associated with the time period to obtain a video stream corresponding to a playing effect, or changing time points between the time periods to obtain another timeline.

19. A terminal, comprising:

at least one memory and at least one processor;

wherein the memory is used for storing program codes, and the processor is used for calling the program codes stored in the memory to execute the method according to any one of claims 1-13.

20. A computer storage medium, storing program codes for executing the method according

to any one of claims 1-13.