What is claimed is:

1. A method for processing an event data flow from a Dynamic Vision Sensor (DVS) for recording pixel information about a specific event, comprising:

reading a plurality of pieces of event data with a first duration sequentially from the event data flow;

with respect to each piece of event data with the first duration, analyzing the event data to acquire time-difference information about each event within the first duration; and

generating an image frame presenting a change in movement within the first duration in accordance with the time-difference information about each event within the first duration, comprises: calculating a pixel value corresponding to each event in accordance with the time-difference information about the event, so as to make the pixel corresponding to the event closer to the current time point has a larger value or a smaller value; and generating the image frame in accordance with the pixel values corresponding to all the events within the first duration and the coordinate positions, and the image frame has a gradient and an aspect, so that a movement direction and a movement speed of an object can be acquired respectively in accordance with the aspect and the gradient.

2. The method according to claim 1, wherein the specific event is an event where brightness of a pixel in the DVS has changed, and the acquired event data comprises a coordinate position of each pixel whose brightness has changed within the first duration and a timestamp of each pixel whose brightness has changed.

3. The method according to claim 2, wherein the reading the plurality of pieces of event data with the first duration sequentially from the event data flow comprises reading the plurality of pieces of event data with the first duration sequentially from the event data flow, adjacent pieces of event data with the first duration comprising a same piece of event data with a second duration.

4. The method according to claim 3, wherein the reading the plurality of pieces of event data with the first duration sequentially from the event data flow comprises:

when the brightness of one pixel within the first duration has changed for two or more times, providing a plurality of timestamps corresponding to the coordinate position of the pixel in the read event data; and selecting a timestamp for the pixel whose brightness has changed last time from the plurality of timestamps as a timestamp corresponding to the coordinate position of the pixel.

5. The method according to claim 4, wherein the analyzing the event data to acquire the time-difference information about each event within the first duration comprises: with respect to each piece of event data with the first duration, recording a start time point and/or an end time point of the first duration; and calculating the time-difference information about each event within the first duration in accordance with the start time point and/or the end time point, and the timestamp of each event in the event data.

6. The method according to claim 5, wherein the calculating the pixel value corresponding to each event in accordance with the time-difference information about each event further comprises performing a pre-processing operation on the time-difference information about each event to acquire processed time-difference information about each event; and calculating the pixel value corresponding to each event in accordance with the processed time-difference information about each event.

7. The method according to claim 6, wherein the pre-processing operation comprises mapping the time-difference information about each event within the first duration to a predetermined range.

8. A computing device, comprising one or more processors, a memory, and one or more programs stored in the memory and executed by the one or more processors,

wherein the one or more programs comprise instructions for implementing the method according to claim 7.

9. A computer-readable storage medium storing therein one or more programs comprising instructions, wherein the instructions are executed by a computing device so as to implement the method according to claim 7.