The ultra-slow 5400fps camcorder works like a human eye

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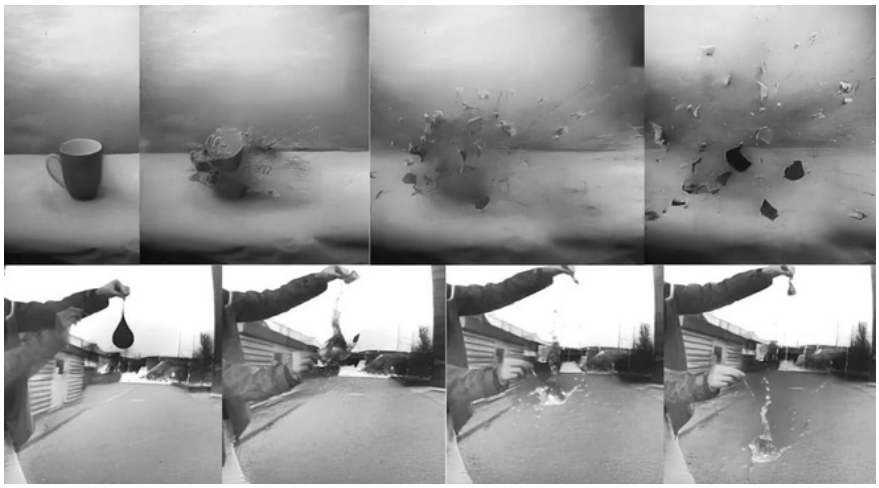
To create motion when replaying, camcorders perform continuous shooting, usually at 24, 30 or 60 frames per second. This means that the camera will have to capture repeating images that take up space and processing power.



But the event camcorder is different, it will only record light changes on pixels instead of 'capturing individual images' like regular camcorders, increasing the range of light fluctuations, speed of feedback. and do not create blurring.

Invite the tracking process of testing the camera system 5400fps in the video below.

The ETH Zurich system is integrated with AI technology, making it possible to identify movements not only as manually as previous systems but also more intelligently and accurately. The video was shot from the event camera for 20% higher quality, and achieved an image speed of up to 5400fps so that it can create slow slow super motion videos.

Currently, scientists are still testing this technology. But it will certainly play an important role in the technology of creating specialized cameras for slow motion videos, or even for future smartphones.

1. China developed cameras that can take pictures 45km away, through fog and dust
2. Why does today's smartphone have a higher resolution than professional cameras and cheaper resale prices?