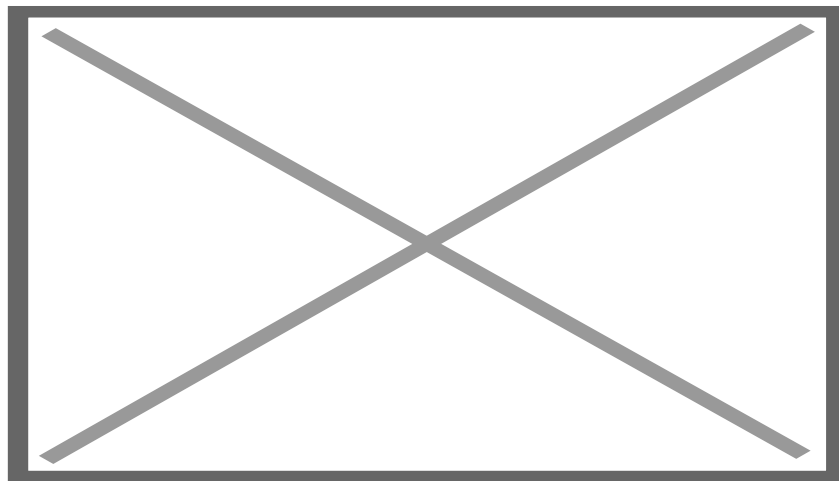


# Decode the image of a bird that doesn't flap its wings, but still floats in the air

A video capturing the image, the bird without flapping its wings but still floating in midair was cut from a CCTV (security camera) in front of a controversial social network apartment. What strange thing is going on here?

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1. Decipher the mysterious success of the mysterious blue aquamarine river with 1-0-2 in the world
2. Decode the mystery of the ball "climbing the slope" at the "non-gravity" hill



Many people believe that the video has been edited but the real mystery behind this mysterious scene is due to the camera's ability to capture the image itself.

Each camera will record video with 2 criteria:

1. Shutter speed (shutter speed - when the shutter is active. The faster shutter speed, the faster moving images will actually become slower when taking pictures (and vice versa)).
2. Image / sec ratio (FPS), showing the number of images captured per second.

In this case, the bird's wings beating cycle almost perfectly matches the FPS rate. In addition, the shutter speed is so fast that the bird in the video will look like it no longer flaps its wings, but floats like the video we saw.

This phenomenon also happens to people, when our eyes look at the wheels running too fast, we will feel like the wheel stops, not turning even though the car is still running. That phenomenon is called "horse wheel illusion".

People cannot observe every moment of a movement because our brain cannot recognize consecutive images. With still images, the eyes can capture up to 200 FPS images, but when moving, the number drops to only 13.

With the rest of the images, the brain simply "fills in the blank". In the case of the car's wheel moving, the brain will randomly take some pictures in motion so we only see the wheel standing still, or turning slowly, or even turning against the moving direction. moved on.

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