

## **The principle description of PIR Motion Detector**

When the sensor of the 'PIR Motion Detector' detects someone passing in the range of 4~5 meters, the sensor's signal will be delivered from the amplifier to IC555 and start the Relay later. While the Relay is on and the 9V power passes through Relay to the encoder (sm5023s), the USB receiver will receive the signal and also screen will show 'capture motion'.