

## [ONGOING] Take ESP32 Cam Pic from Arduino

Take pic is referred to as reset button

1. When uploading code directly from <https://randomnerdtutorials.com/esp32-cam-pir-motion-detector-photo-capture/> without changing anything except only connecting ESP32 CAM, and `esp_sleep_enable_ext0_wakeup(GPIO_NUM_13, 1);` the camera keeps taking pictures continuously.
2. When step 1 is connected to Arduino with code to set pin to HIGH, it said NO SD CARD INSERTED and SD CARD MOUNT FAILED, which means pin GPIO13 is responsible for sd card.
3. When uploading code directly from <https://randomnerdtutorials.com/esp32-cam-pir-motion-detector-photo-capture/> without changing anything except only connecting ESP32 CAM, and `esp_sleep_enable_ext0_wakeup(GPIO_NUM_16, 1);` the camera takes a picture once
4. When step 3 is connected to Arduino with code to set pin to HIGH, a picture is taken but short circuited, image is low quality. Also, number pad doesn't work

when esp alone, pic taken

when connected to arduino only 5v and gnd, pic taken