# Smart Doorbell

## with esp32 cam


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# Contents:

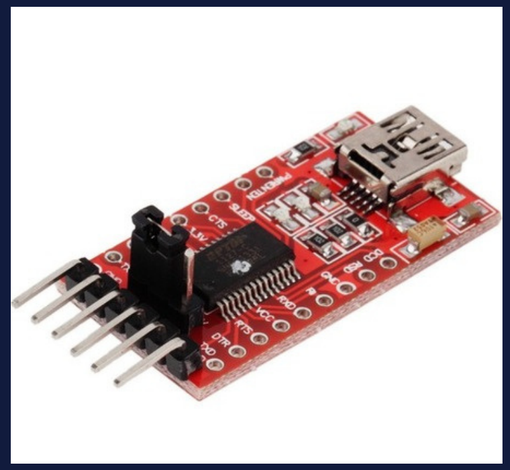
# 1. How does the Smart Doorbell Work?

**Whenever someone comes to home and presses the doorbell button, the device is going to take a photoshoot of the person at the door and send that photo as a message to phone of the house owner.**

# 2. What has been used for the project?

## Esp32 Cam


## FTDI232

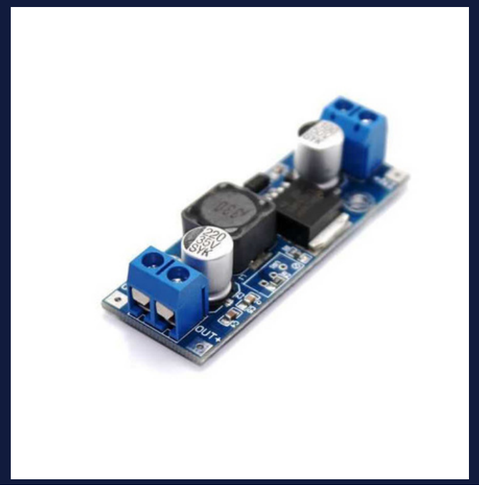


## 9V Lithium Battery


## Blynk


## Button

## 5V Voltage Regulator



## Arduino IDE

# 3. Usage Areas:

Sometimes we can't hear the doorbell even if we at home because of we listen music or study in full focus or when we are at outside we can want to know who came to our house on that day. In such cases if we have this system we can know who is at the door on our phone easily thanks to this system

# 3. Some Visuals From Our Project:

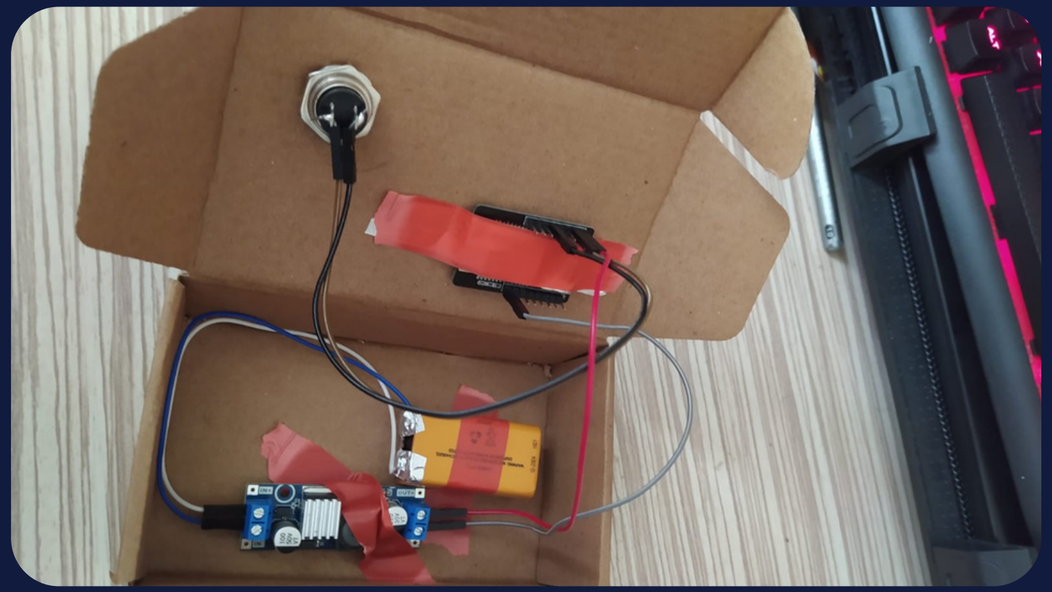
Smart_Door_Bell_using_Blynk_ESPEYE | Arduino 1.8.19

Dosya Düzenle Taslak Araçlar Yardım

Smart_Door_Bell_using_Blynk_ESPEYE | app_httpd.cpp | camera_index.h | camera_pins.h

```
#include "esp_camera.h"
#include <WiFi.h>
#include <WiFiClient.h>
#include <BlynkSimpleEsp32.h>
//
// WARNING!!! Make sure that you have either selected ESP32 Wrover Module,
//            or another board which has PSRAM enabled
//

// Select camera model
//#define CAMERA_MODEL_WROVER_KIT
//#define CAMERA_MODEL_ESP_EYE
//#define CAMERA_MODEL_M5STACK_PSRAM
//#define CAMERA_MODEL_M5STACK_WIDE
#define CAMERA_MODEL_AI_THINKER

#include "camera_pins.h"


#define LED 21
#define BUTTON 15

const char* ssid = "Redmi Note 8";
const char* password = "yakup0098";
char auth[] = "hRfEs49KeGQOEwu0yyw3mIPDV33BkVOQ";

String my_Local_IP;

void startCameraServer();
```

1 ESP32 Wrover Module, Huge APP (3MB No OTA/1MB SPIFFS), QIO, 80MHz, 115200, None on COM3

# Thanks!