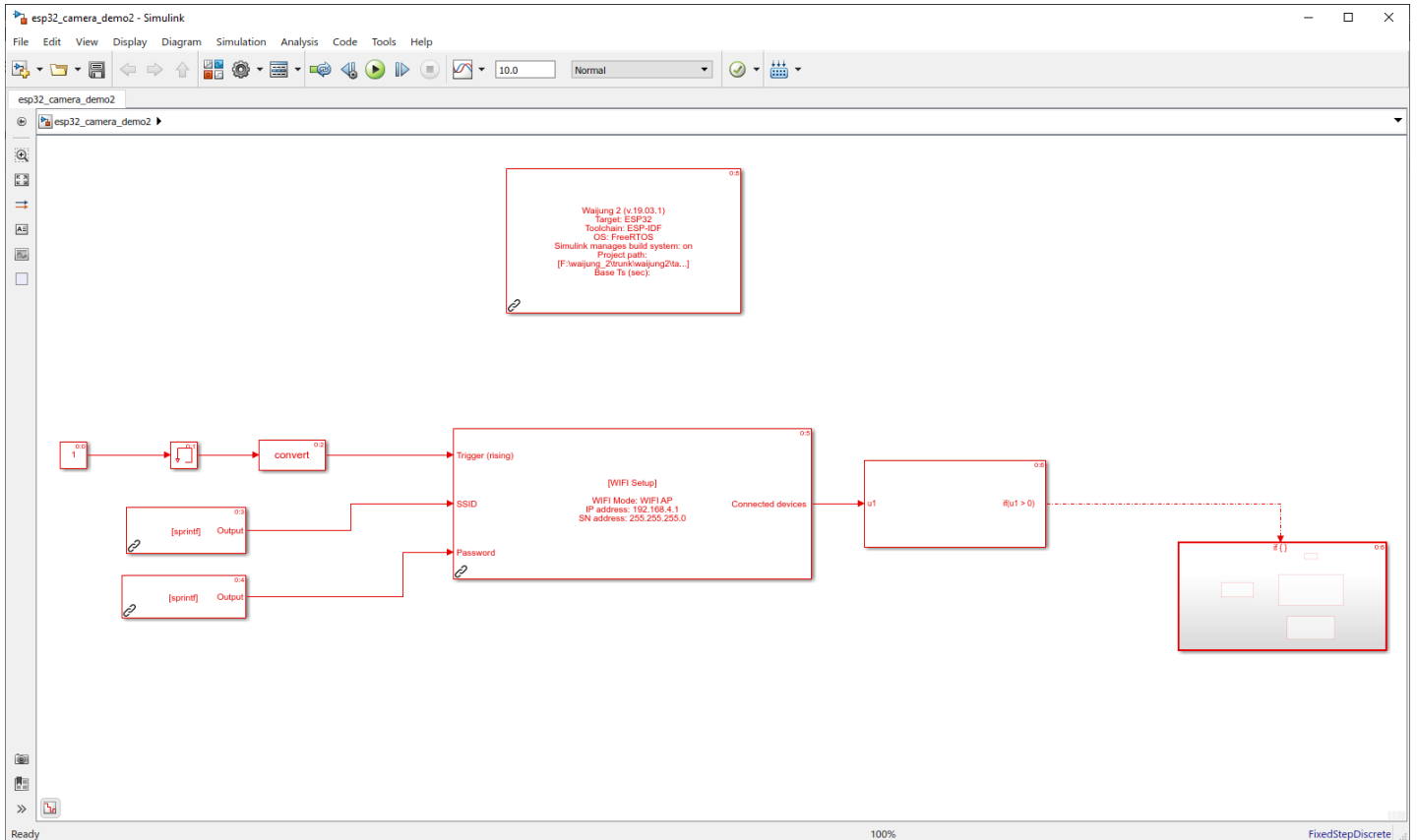


Demo2: stream to Aimagin Connect

[View table of content.](#) [View table of content.](#)

Demo file : esp32_camera_demo2.slx



Description

This demo shows how to use the [Camera Block](#) to stream video or capture images and save it to the client's device or target board SD card using the Aimagin Connect server on ESP32 using the [WIFI Block](#), [SD Card Block](#) and [Aimagin Connect Block](#). First export the files from the Aimagin Connect web, extract and save it in the SD card. Refer the section [Exporting to ESP32](#) to learn how to export webapps from Aimagin Connect server to ESP32 server.

To connect the WiFi with the target board use following IP, SSID and the Password

- SSID: ESP32_CAM
- Password: 00000000
- IP: 192.168.4.1

Hardware Setup

1. aMG ESP32 Camera module
2. Host PC with WiFi

What should be happening?

Once the demo is set up on the ESP32 camera module, connect to it with the given SSID and the Password using the client device (smartphone or PC) via WiFi. Then access the IP address of the ESP32 camera module on the web browser to log in to the Aimagin Connect local server on ESP32 module. Go to the Camera demo page and access the camera by starting the video stream or capture the image and save it to the device.

Previous : [Camera demo: Stream video to Matlab Simulink](#)
 Next : [Stream video to Target](#)

Files

| File Name | Size | Date | Author |
|-------------------|---------|-------------|--------------------------|
| camera_demo_2.png | 69.6 KB | 20 Oct 2020 | Vasitha Tilakumara (၇၈၆) |
| camera_out_2.png | 208 KB | 20 Oct 2020 | Vasitha Tilakumara (၇၈၆) |