

Sonoff S20 with Door Sensor

- Flash the Sonoff S20 with Tasmota.
- Configure the Module as 18 Generic
- Set **GPIO0** as Button1
- Set **GPIO3** as Switch1
- Set **GPIO12** as Relay1
- Set **GPIO13** as Led1

Generic Module

Sonoff

Module parameters	
Module type (Sonoff Basic)	
18 Generic	
D3 GPIO0 Button1	17 Button1
TX GPIO1 Serial Out	00 None
D4 GPIO2	00 None
RX GPIO3 Serial In	09 Switch1
D2 GPIO4	00 None
D1 GPIO5	00 None
D6 GPIO12 Relay1	21 Relay1
D7 GPIO13 Led1i	56 Led1i
D5 GPIO14 Sensor	00 None
D8 GPIO15	00 None
D0 GPIO16	00 None
Save	

Connect Door sensor to GPIO3(TX on Sonoff S20 board) and GND.

Since we want the power off when the door is open, we need to set the switchmode to inverted follow.

Via the console, set Switchmode to 2 (inverted follow 0 = on, 1 = off)

> Switchmode 2

Assignment Ser... (2 unread) - jme... Tasmota Sonoff S20 with... Controlling a So... Sonoff S20 - Ta... Can I support th... Sonoff - Conso... +

← → ↺ ⌂ ⚠ Not Secure | 192.168.1.155/cs? ☆ ⌵ Paused ⋮

Personal TDS (180) YouTube finance wiki.jmehan.com TW2002 Trades FLEET MH FC Work UPS Personal Space AWS Notes URLs local »

Generic Module

Sonoff

```
22:23:28 RSL: RESULT = { "POWER": "OFF" }
22:23:28 RSL: POWER = OFF
22:23:30 RSL: RESULT = { "POWER": "ON" }
22:23:30 RSL: POWER = ON
22:23:36 RSL: RESULT = { "POWER": "ON" }
22:23:36 RSL: POWER = ON
22:23:37 RSL: RESULT = { "POWER": "OFF" }
22:23:37 RSL: POWER = OFF
22:23:39 RSL: RESULT = { "POWER": "ON" }
22:23:39 RSL: POWER = ON
22:23:39 RSL: RESULT = { "POWER": "OFF" }
22:23:39 RSL: POWER = OFF
22:23:41 RSL: RESULT = { "POWER": "ON" }
22:23:41 RSL: POWER = ON
22:23:42 RSL: RESULT = { "POWER": "OFF" }
22:23:42 RSL: POWER = OFF
22:23:44 RSL: RESULT = { "POWER": "ON" }
22:23:44 RSL: POWER = ON
22:26:04 RSL: STATE = { "Time": "2020-10-14T22:26:04", "Uptime": "0T00:05:15", "Vcc": 3.498, "LoopSet": 50, "LoadAvg": 19, "POWER": "ON", "Wifi": { "AP": 2, "SSID": "mehan0", "BSSID": "32:5A:1" }
22:26:04 RSL: SENSOR = { "Time": "2020-10-14T22:26:04", "Switch1": "OFF" }
22:26:14 CMD: Switchmode 2
22:26:14 RSL: RESULT = { "SwitchModel": 2 }
```

Switchmode 2

Main Menu

Sonoff-Tasmota 6.3.0.14 by Theo Arends

All Done!