

BILL OF MATERIALS

By Nirmal A



BOM

Component Name	Quantity	Buy Link (International)*
Raspberry Pi 4 Model B 2 GB	1	https://www.amazon.com/Raspberry-Model-2019-Quad-Bluetooth/dp/B07TD42S27/ref=sr_1_3?keywords=raspberry%2Bpi%2B4%2B1gb&qid=1574926648&sr=8-3&th=1
5 V 3 A USB-C Power Supply	1	https://www.amazon.com/Power-Supply-Adapter-Switch-Raspberry/dp/B07TSDJSQH/ref=sr_1_5?dchild=1&keywords=5v+3a+power&qid=1616728836&sr=8-5
Micro-HDMI to HDMI Cable	1	https://www.amazon.com/Rankie-Micro-Supports-Ethernet-Return/dp/B00Z07JYLE/ref=sr_1_3?dchild=1&keywords=micro+hdmi+to+hdmi&qid=1616728766&sr=8-3
16 GB Class 10 MicroSD Card	1	https://www.amazon.com/PNY-Performance-Class-Flash-P-SDHC16GU1GW-GE/dp/B07TCJRXQL/ref=sr_1_13?dchild=1&keywords=16gb+sd+card+class+10&qid=1616728673&sr=8-13
Cooling Case with Heatsink for Raspberry Pi 4	1	https://www.amazon.com/GeeekPi-Acrylic-Raspberry-Cooling-Heatsinks/dp/B07TXSQ47L/ref=sr_1_3?crd=2XRSPULDKRGF5&keywords=raspberry+pi+4+case+with+fan&qid=1574927029&srefix=raspberry+pi+4+case+%2Caps%2C406&sr=8-3
ESP32	2	https://www.amazon.com/VKLSVAN-ESP-WROOM-32-Development-Dual-Mode-Microcontroller/dp/B07T6J3PXZ/ref=sr_1_6?dchild=1&keywords=ESP+Wroom+32+devkit+1&qid=1616666249&sr=8-6
PIR Sensor	1	https://www.amazon.com/HC-SR501-Infrared-Raspberry-Microcontrollers-Electronic/dp/B076K649RW/ref=sr_1_18?dchild=1&keywords=PIR+SENSOR&qid=1616672422&sr=8-18
DHT11 Sensor	1	https://www.amazon.com/HiLetgo-Temperature-Humidity-Electronic-Practice/dp/B01N9BA004/ref=sr_1_11_sspa?dchild=1&keywords=dht11+sensor&qid=1616728505&sr=8-11-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEwVUowTDJkMjVtM0NRJmVuY3J5cHRlZElkPUEwMDE5OTU2MlNYREtYT05NMVJCMiZlbnNyeXB0ZWRRBZEIkPUEwMDM3MTg1MVYzQzdSQ0QzUUZVTyZ3a

		WRnZXROYW1IPXNwX210ZiZhY3Rpb249Y2xpY2tSZW RpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU= https://www.amazon.com/SunFounder-Channel- Optocoupler-Expansion- Raspberry/dp/B00E0NTPP4/ref=sr_1_6?dchild=1&ke ywords=5v%2Brelay&qid=1616729221&sr=8-6&th=1
5 V DC Relay	1	https://www.amazon.com/RuiLing-Decibels- Continuous-Sounder- Electronic/dp/B07NK8MGL9/ref=sr_1_10?dchild=1& keywords=buzzer&qid=1616729021&sr=8-10
Buzzer	1	https://www.amazon.com/EDGELEC-Breadboard- Optional-Assorted- Multicolored/dp/B07GD2BWPY/ref=sr_1_1_sspa?dc hild=1&keywords=jumper+wire&qid=1616729533&s r=8-1- spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVy PUEyR0FIMUhnNWlo4ODJZJmVuY3J5cHRIZElkPUeW MTY5ODkyWVdUM0w2VFhJVU5MJmVuY3J5cHRIZEFkS WQ9QTA5NDU0MzYxSkE3VExKQkZEQUxaJndpZGdld E5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWNO JmRvTm90TG9nQ2xpY2s9dHJ1ZQ==
Jumper Wires (Assorted)**	1	

**Check with your domestic online electronic stores before ordering from global online stores. You might get the components more quickly if ordered from domestic sellers. Also, these might render useless if the seller removes the item from the online shop.*

***These are cheaper when ordered in bulk, and you will be needing extra components for other sections.*

