1. Brains of sensor
   1. Raspberry Pi 3
      1. <<https://www.amazon.com/Raspberry-Pi-RASPBERRYPI3-MODB-1GB-Model-Motherboard/dp/B01CD5VC92>>
      2. Price: $36.38
2. Sensors
   1. modules MQ-2 MQ-3 MQ-4 MQ-5 MQ-6 MQ-7 MQ-8 MQ-9 MQ-135
      1. <<https://www.amazon.com/CJRSLRB-Detection-Module-MQ-135-Sensor/dp/B016KABTDK/ref=sr_1_26_sspa?s=electronics&ie=UTF8&qid=1517853599&sr=1-26-spons&keywords=methane+sensor&psc=1>>
      2. price : $29.99 for 1
   2. Optional dust sensor
      1. <<https://www.amazon.com/Waveshare-Dust-Sensor-GP2Y1010AU0F-Conditioner/dp/B00T2T7FUS/ref=pd_bxgy_147_img_2?_encoding=UTF8&pd_rd_i=B00T2T7FUS&pd_rd_r=P91528NV3K84YPB3K3NK&pd_rd_w=srAmU&pd_rd_wg=iL8Tj&psc=1&refRID=P91528NV3K84YPB3K3NK>>
      2. Price $18.99
3. Memory
   1. SD card for Raspberry pi
      1. <<https://www.amazon.com/Samsung-MicroSD-Adapter-MB-ME32GA-AM/dp/B06XWN9Q99/ref=pd_bxgy_421_img_3?_encoding=UTF8&pd_rd_i=B06XWN9Q99&pd_rd_r=R3J0A3N8EMDCZQVZQPF3&pd_rd_w=hvKbN&pd_rd_wg=q4pmE&psc=1&refRID=R3J0A3N8EMDCZQVZQPF3&dpID=413Ql4-3qQL&preST=_SX300_QL70_&dpSrc=detail>>
      2. Price : $6.45 for 1
4. Power
   1. Boost converter
      1. <<https://www.ebay.com/itm/5X-DC-DC-Digital-Display-Step-up-Boost-Buck-Board-Converter-Power-Module/192250734540?epid=14005591125&hash=item2cc30967cc:g:EgAAAOSweNxZkJ1q>>
      2. Price: $5.99
   2. Lipo
      1. <<https://www.amazon.com/uxcell-1200mAh-Rechargeable-Lithium-Polymer/dp/B0767CL7W9/ref=pd_sbs_107_7?_encoding=UTF8&pd_rd_i=B0767CL7W9&pd_rd_r=YGF1TJTHYN3YQG8CPQ9V&pd_rd_w=8CXFJ&pd_rd_wg=Nfnti&psc=1&refRID=YGF1TJTHYN3YQG8CPQ9V>>
      2. Price: $9.99
   3. Tp4056 charging ic
      1. <<https://www.amazon.com/SMAKN-Lithium-Battery-Charging-Charger/dp/B00HJNX0DU>>
      2. $5.60
5. Camera