An infrared light emitting diode

(IR LED) and a photo-sensor are optically arranged

in the device. The photo-sensor detects the

reflected IR LED light by dust particles in air.

• Detection for dust in the air, Indoor Air

quality monitoring

• Air cleaner, Air purifier, Air conditioner

• Outdoor dust monitoring with the IAQ monitor

special mechanical design for customer

• Smoke type Fire alarm applicationby different

sensor adjustments (customer option)

link for dust detection : https://www.mouser.com/pdfdocs/01Cdustsensordatasheet-English1-22-3-2.pdf

link for obstacle avoiding robot : https://www.youtube.com/watch?v=4CFO0MiSlM8

Also see this project: mXY Board - Low-Budget XY Plotter Drawing Robot Board https://youtu.be/0QjO08HNXos

Arduino Obstacle Avoiding Robot Car Kit

https://goo.gl/2bjHr9

Required Tools (Optional):

XIAOMI Wowstick - https://goo.gl/wEV7e2

Extension Screw Nut - https://goo.gl/C9QWny

9V Battery Header - https://goo.gl/AxF6pA

Rechargeable 9V Battery - https://goo.gl/xaD6Tf

3 in 1 Jumper Wire - https://goo.gl/EGTafY

Download Source Code: http://bit.ly/2Rc9aJe