

Partlist

Makershop:

[Sensorshield](#)

[Arduino Nano](#)

[Jumper Cable](#)

Male – Male, Male – Female, Female – Female (As you need it)

Additional material:

<https://www.reichelt.de/my/1418851>

Things you may need. The charger is must have.

Robotshop:

[Gear Motor Encoder 150rpm](#)

1 pc.

[Gear Motor 150rpm](#)

3 pcs.

[Wheels neopren 62,5mm](#)

4 pcs.

[Universal Hub 6mm](#)

4 pcs.

[Metal Gear Micro Servo](#)

1 pc. (or may be more...)

[16x2 Character LCD Display](#)

1 pc.

[Ultrasonic Range Finder](#)

1 pc. (or may be more...)

[IR Range Sensor](#)

min. 2 pc. (up to 8 pcs.)

[Geared Motor Bracket](#)

4 pcs.

[NiMH Rechargeable Battery](#)

2 pcs.

[Step Down Converter](#)

1 pc.

[Color Sensor](#)

1 pc.

DF-Robot:

[Smart Grayscale Sensor](#)

min. 2 pcs. (up to 8 pcs.)

[Screws\(Inch\)](#)

probably