

8 megapixel native resolution high quality Sony IMX219 image sensor

Raspberry Pi 3B:

A single board multicore computer for multiple heavyweight and differing tasks runs Linux

Servo Motor:

Motorized angle control for the camera

LCD 1602

HC-SR04 Ultrasound Distance Sensor

Main Functions:

- Line Following
- Traffic Light Recognition
- Distance Measurement
- Short Cut Recognition & Decision Making
- Turning
- Football Kicking
- Shape Counting
- Multiple Tasks

Baseboard – Version 24-Dec-2019

Embedded OpenCV based



Powered by Raspberry Pi, Proudly designed by Group 7.

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