

SEU-UniRobot Robot Specification

2018.1

Robot Name: Maxwell



Height: 81cm.

Wight: 3.5kg (Including batteries).

Walking speed: 30cm/s

Number of degrees of freedom:

Position	Number	Type
Left Leg	5	MX-64Rx4, MX-28Rx1
Right Leg	5	MX-64Rx4, MX-28Rx1
Left Arm	2	MX-28Rx2
Right Arm	2	MX-28Rx2
Head	2	MX-28Rx2
Total	16	MX-64Rx8, MX-28Rx8

Sensors:

✚ Logic C930 Web Camera

✚ 6 Axis IMU module

Computing Unit:

✚ Main CPU Board:

GB-BX (Core i3H-5010, 1.7 GHz)

✚ Hardware controller:

NXP MK60DN512VLQ10 (ARM Cortex-M4, 100MHz)