

SEU-Jolly Robot Specification

2016.1

Robot Name: Jolly



Height: 53cm.

Wight: 3.9kg (Including batteries).

Walking speed: 20cm/s

Number of degrees of freedom:

Position	Number	Type
Left Leg	6	MX-64Rx5, MXR-28x1
Right Leg	6	MX-64Rx5, MX-28Rx1
Left Arm	3	MX-28Rx3
Right Arm	3	MX-28Rx3
Head	2	MX-28Rx2
Total	20	MX-64Rx10, MX-28Rx10

Sensors:

✚ Logic C905 Web Camera

✚ 9 Axis IMU module

Computing Unit:

✚ Main CPU Board:

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

✚ Hardware controller:

NXP MK60DN512VLQ10 (ARM Cortex-M4, 100MHz)