

ROBOT SPECIFICATION

PHYSICAL SPECIFICATIONS

Height (cm)	45.5
Weight (kg)	2.9
Walking Speed (cm/s)	15

THE UNIVERSITY OF NEWCASTLE
(AUSTRALIA)

DEGREES OF FREEDOM

Legs (each)	6
Arms (each)	3
Neck	2
Total	20

MOTORS AND SENSORS

DYNAMIXEL MX-28 Servo	x20
C905 USB 2MP Camera w/ Mic.	x1
Additional Microphone	x2
3-Axis Gyroscope	x1
3-Axis Accelerometer	x1

COMPUTING UNITS

Intel Atom Z530	1.6GHz
CM-730 Management Controller	72MHz



DARwIn-OP Robot