

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
C920 USB HD 1080p Camera w/ Stereo Microphone	x1
6-axis Gyroscope + Accelerometer + Temperature Sensor	x1

COMPUTING UNITS

ARM Cortex-A15 Quad Core	1.6GHz
TAJ3850 Management Controller	96MHz



NUDARwIn-OP Robot.

DARwIn-OP robot with a possibly modified head to fit new camera.

