

ROBOT SPECIFICATION

PHYSICAL SPECIFICATIONS

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

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

THE UNIVERSITY OF NEWCASTLE (AUSTRALIA)



DARwin-OP Robot

