

ROBOT SPECIFICATION

PHYSICAL SPECIFICATIONS

Height (cm)	45.5
Weight (kg)	2.9
Walking Speed (cm/s)	20
Modified 3D printed head with upgraded camera	

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
Logitech C920 USB 15MP Camera w/ Mic.	x1
Additional Microphone	x1
3-axis Gyroscope	x1
3-axis Accelerometer	x1

COMPUTING UNITS

Intel Atom ZS30	1.66GHz
CM730 Management Controller	72MHz



DARwIn-OP Robot.



ROBOT SPECIFICATION

PHYSICAL SPECIFICATIONS

Height (cm)	90
Weight (kg)	6.6
Walking Speed (cm/s)	20

THE UNIVERSITY OF NEWCASTLE
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DEGREES OF FREEDOM

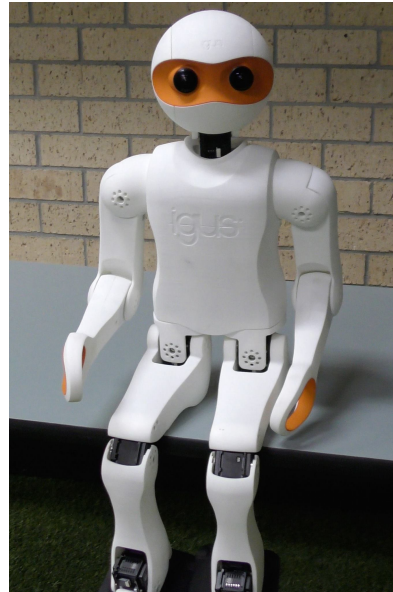
Legs (each)	6
Arms (each)	3
Neck	2
Total	20

MOTORS AND SENSORS

Dynamixel MX-106R Servo	x12
Dynamixel MX-64R Servo	x6
Logitech C905 USB Camera w/ Mic.	x1
3-axis Gyroscope	x1
3-axis Accelerometer	x1

COMPUTING UNITS

Intel Core i7	2.1GHz
CM730 Management Controller	72MHz



iGus Robot.

