

EDROM Robot Specification - MABI

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Robot names	MABI
Height of Robot	134 cm
Weight of Robot	7.0 Kg
Type of motor	Dynamixel AX-12, AX-18, RX-64, EX-106+
Degree of freedom	20 Leg: 6 x 2 (EX-106 – 5 and RX-64 – 1) Arm: 3 x 2 (AX-18) Head: 2 (AX-12)
Computing unit	Roboard RB-110 1Ghz, and 250Mb DDR 2 Operating System: Linux
Camera	Minoru 3D
Sensor	PhidgetSpatial sensor Gyroscope 3-Axis, Accelerometer 3-Axis
Batteries	Lithium-Polymer: 1 x 7.4V and 800mAh (Computing unit) 1 x 4350mAh, 5S, 18.5V (Servos)