

Baset Adult-Size 2016 Team Specification Paper

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<http://robot.basetp.com>

Robot Name: *Baset Adult-Size*

Specification:



Height	148 Cm
Weight	~16 Kg
Walking Speed	30 Cm/Second
Degrees of Freedom	18 in total: 2 in each arms 2 in neck 6 in each leg
Type of Motors	Mx-106 Mx-64 Mx-28
Sensors	HMC5843 3D Compass IDG650 2D Gyroscope ISZ650 Z Gyroscope
Camera	Logitech C905 wide
Resolution	640*480 pixels
Computing Unit	Intel NUC 3.1 GHz Intel Core-i7 4 Gb DDR3 memory
Accelerometer	ADXL345 3D Accelerometer
Battery	Li-Po, 3Cells / 6400 mAh