

Baset Teen-Size 2014 Team Specification Paper

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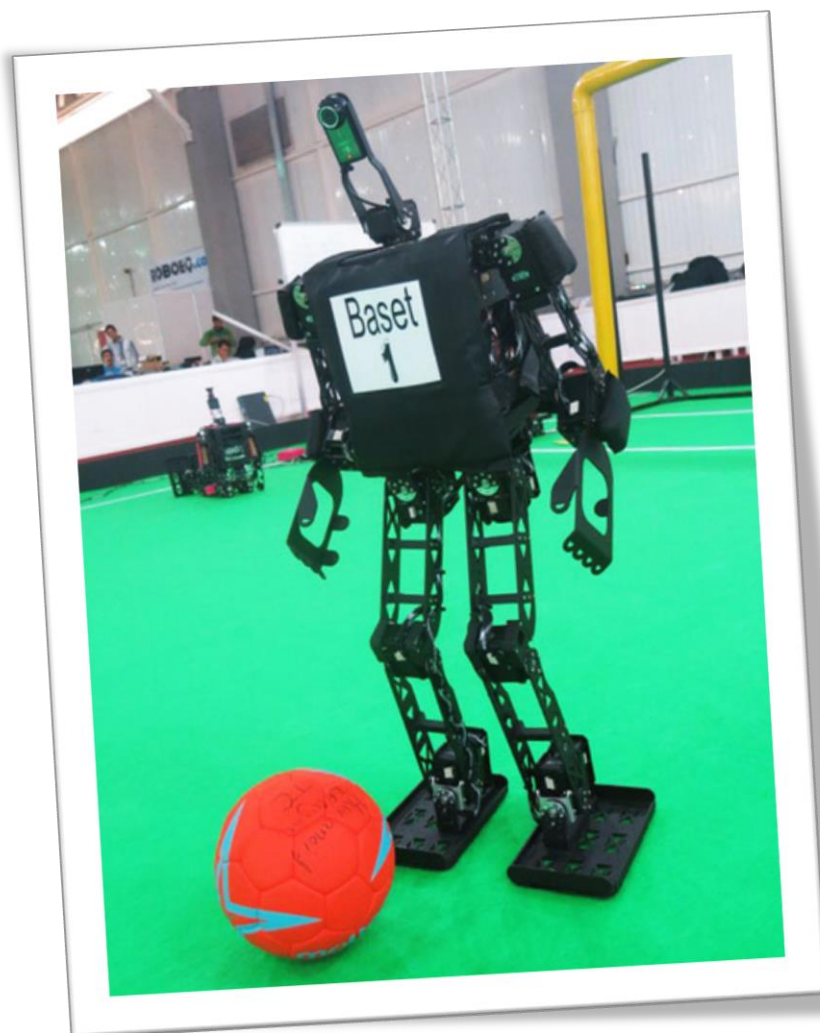
²preferred referee

<http://robot.basetp.com>

All Four robots have the same specs.

Robot Name: *Baset Teen-Size*

Specification:



Height	84 Cm
Weight	~6.8 Kg
Walking Speed	45 Cm/min
Degrees of Freedom	20 in total: 6 in arms 2 in neck 6 in each leg
Type of Motors	Mx-106 Mx-64 Mx-28
Sensors	HMC5843 3D Compass IDG650 2D Gyroscope
Camera	ISZ650 Z Gyroscope
Resolution	Logitech C905 wide 640*480 pixels
Computing Unit	Max-data QutePc3020 1.6 GHz Intel Atom
Accelerometer	1 Gb DDR2 memory ADXL345 3D Accelerometer
Wi-Fi Module	H-WiFi module bases on HED's AirQuickTM
Battery	11.1V, Li-Po 5000mAh