

AUTMan Humanoid Kid Size Robots Specification Paper

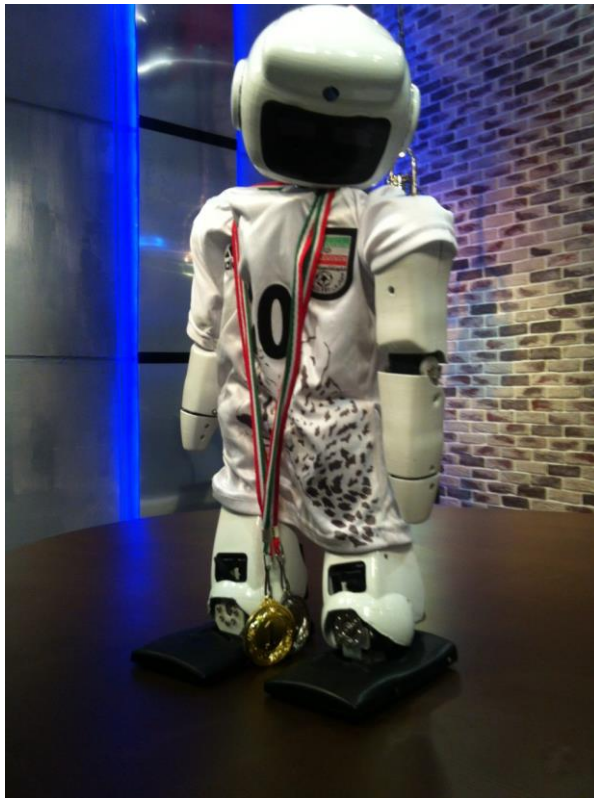
RoboCup 2017 Humanoid Kid Size Robot League, Nagoya, Japan

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*Robot Name: **KIARASH***

Specification:



Height	58 Cm
Weight	3.5 Kg
Walking Speed	30 Cm/Sec
Degrees of Freedom	20 in total: 6 in each leg 3 in each arm 2 in neck
Type of Motors	Herkulex DRS-0402 DRS-0201 DRS-0101
Sensors	IMU Mpu6050 Microphone RT5443
Camera	FSR Self Design Logitech C920
Resolution	HD
Computing Unit	Max-data QutePc3020 1.6 GHz Intel Atom 1 Gb DDR2 memory
Accelerometer	ADXL345
Wi-Fi Module	H-WiFi module bases on HED's AirQuickTM
Battery	18.5v, Li-Po 4000mAh