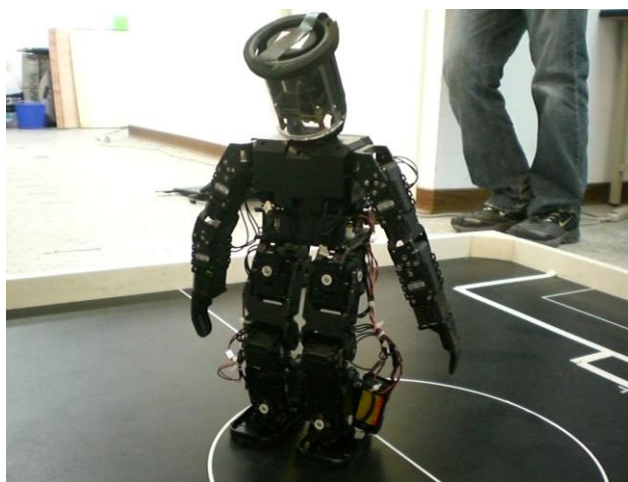


## Robot Specification: HuroEvolution Humanoid Robot for Robocup 2010 Humanoid League

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**Fig. 1.** Photo of the HuroEvolution

### Specification

ROBOT Name	HuroEvolution
Height of Robot	413mm
Weight of Robot	2.2kg
Walking Speed	Maximum: 10 cm/s
Degree of freedom	16 With Leg: 5 x 2 Arm: 3 x 2
Type of motor Torque Speed	16 x AX-12(Servo ,motor) 12.0 kg/cm~ 16.5kg/cm 0.196 sec/60°
Computing unit	Roboard RB-100 Processor: DM&P Vortex86DX Operating System: Windows XP
Motion Controller	ST ARM 7
Camera	VS-C14U-80-ST Frame rate: 30fps Pixel Clock Frequency: 29.5MHZ Total Picture Element 1077 (H) x 788 (V)
Batteries	2 x Li-Po 11V 850mAh
Accelerometer	ADXL335