

PERSIA Humanoid Robot

Specification Page – RoboCup 2011

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www.IranAdro.com/Humanoid_index.htm

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Robot Specification

The Persia robot is 43cm tall and weighs about 1.6 kg. It has 18 degrees of freedom: 5 in each leg, 3 in each hand, 2 in head.

Specification			
Robot Name	PERSIA		
Height	42.5		
Weight	1.6 Kg		
Walking Speed	25cm/s		
Mechanism System			
Head	Neck	2	HiTec Servo Motor
Legs	Hip	2(X2)	HiTec Servo Motor
	Knee	1(X2)	
	Ankle	2(X2)	
Arms	Shoulder	2(X2)	HiTec Servo Motor
	Elbow	1(X2)	
Total		18	
Electronic System			
Sensor	Camera Logitech C905	640*480 Resolution	
	Accelerometer	3Axis	
Processor	Single Board Computer	1GB/512RAM	
	Micro Controller	AVR ATMEGA128	
Power	LiPo Battery	12V. / 1500 mA	

