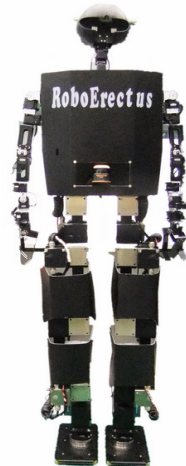


Specification for Robo-Erectus Sr-2011 AdultSize

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Physical Specification of Robo-Erectus Sr-2011 AdultSize Robot

1. Physical Specifications					
Weight	Dimensions			Speed	
	Height	Width	Depth	Walking	Running
44kg	150cm	28cm	20cm	5m/min	---
2. Degrees of Freedom(DOF): 28 DOF					
Joint	Roll	Pitch	Yaw		
Head		✓	✓		
Shoulder	✓	✓	✓		
Elbow		✓			
Hand	✓	✓	✓		
Gripper		✓			
Hip	✓	✓	✓		
Knee		✓			
Ankle	✓	✓			
3. Sensors					
Sensor	Details				
Camera	320 × 240 Resolution 30fps				
IMU					
Force/Torque Sensor	6 dimensions				
4. Computing Unit					
Features	Main Processor	Vision	Sensor/Actuator		
Processor	Intel Celeron	Intel Core Solo	Dual PIC18F8720		
Speed	800MHz	1.33GHz	25MHz		
Memory	1GB	1GB	8KB		
Storage	30GB	16GB	256KB		
Interface	CAN BUS, USB, WIFI	USB, WIFI	RS232, RS485		