Robo-Erectus Jr-X1
KidSize Team Description Paper.

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Physical Specifications of the REJr-X1.

1. Physical Specifications.					
Weight	Dimensions			Speed	
	Height	Width	Depth	Walking	Running
3.3kg	520mm	240mm	120mm	5mts/min	—
2. List of Degrees of Freedom.					
Joint	Roll	Pitch	Yaw		
Head		✓	✓		
Body			✓		
Shoulder	✓	✓			
Elbow		✓			
Hip	✓	✓	✓		
Knee		✓			
Ankle	✓	✓			
3. Sensors.					
Sensor	Details				
Camera	640x480 Resolution 30fps.				
Compass	1° heading accuracy.				
Tilt	Two dimensions.				
Rate Gyro	$\pm300°/sec$ angular rate				
4. Specifications of the boards.					
Features	Main Processor			Sensor/Actuator	
Processor	AMD LX800			Dual PIC18F8720	
Speed	500Mhz			25Mhz	
Memory	1GB			8KB	
Storage	4GB			256KB	
Interface	RS232, WIFI, USB			RS232, RS485	