

BehRobot Specification



Specification			
Robot Name		ARIANA	
Height		155 cm	
Weight		11 Kg	
Walking Speed		30 cm/sec	
Mechanical Structure			
		Number of DOF	Type of motors
Head	Neck	2	Dynamixel AX12
Trunk	Waist	1	Dynamixel MX106
Legs	Hip	1 (X2)	Dynamixel MX106
	Thigh	2 (X2)	Dynamixel MX106
	Knee	1 (X2)	Dynamixel MX106
	Ankle	2 (X2)	Dynamixel MX106
Arms	Upper Arm	1 (X2)	Dynamixel RX64
	Shoulder	1 (X2)	Dynamixel MX106
	Elbow	1 (X2)	Dynamixel RX64
Total		21	
Electronic System			
Sensors	Camera		Logitech C905
	IMU		xIMU
Processor	LP170		1.6GHz , 2GB RAM, 64GB SSD
	LPC1768		100Mhz, 64KB SRAM, 512KB Flash