

1 Robot Specification

Figure.1 is our **prototype** robot design. **This robot is not completed yet.** We **plan to upgrade** the hardware lighter and more robust. You can find more detail from the spec. table 1 at the next page.

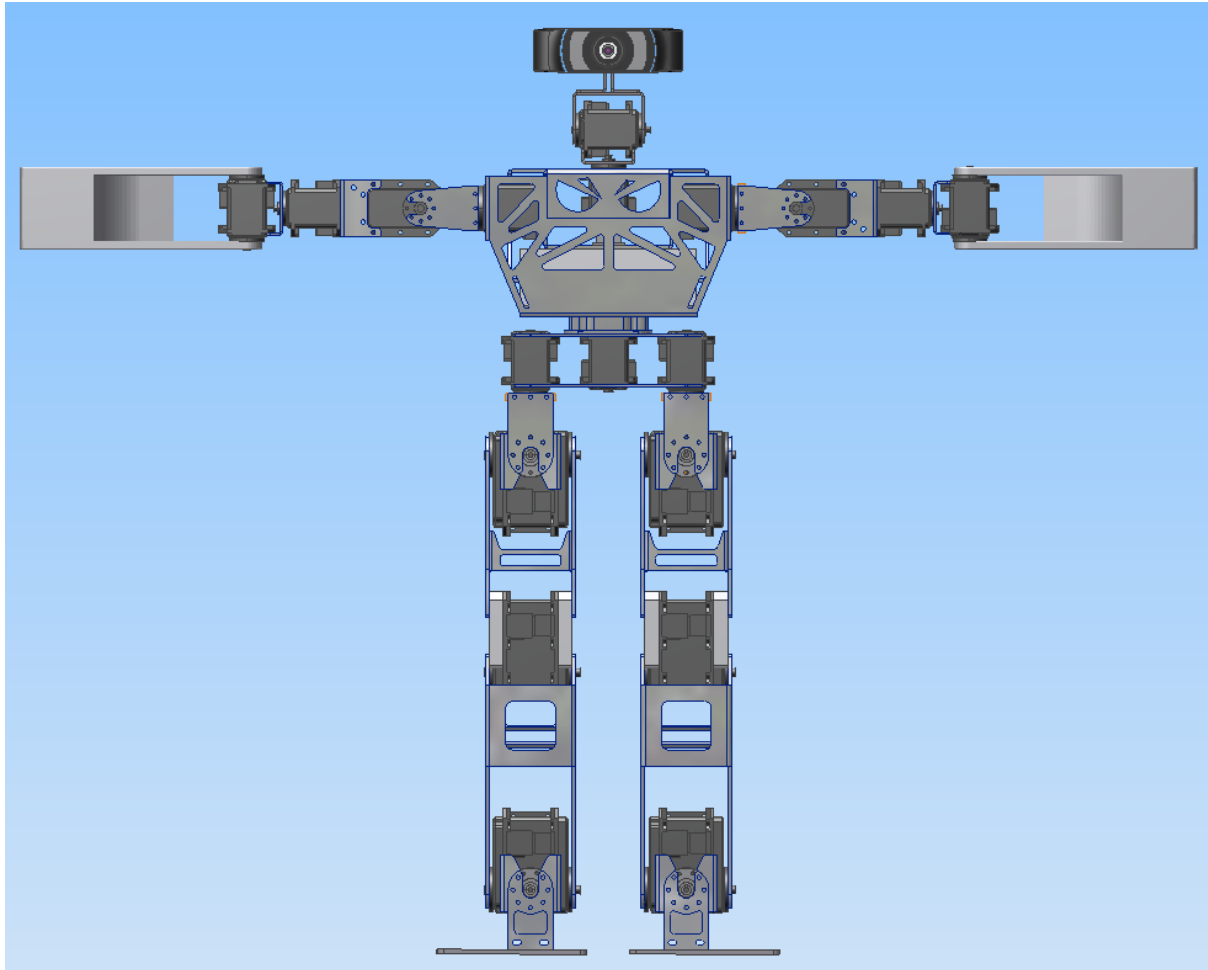


Figure.1 Unfinished Robot

SIZE	Weight	4.7 kg
	Height	57.7 cm
	Leg Height	60 cm
	Arm Height	105 cm
	Sole of a foot Height	18.2 cm
	Sole of a foot Width	12 cm
Number of degrees of freedom	All of DOF	23 DOF
	LEG	12 DOF
	ARM	8 DOF
Type of motors, Speed	MX-106	45 RPM
	MX-64	63 RPM
	MX-28	55 RPM
Computing units	Odroid Xu-4	
Camera	C920R	
Sensors	MW-AHRSv1	
Walking speed	25 cm/s	

Table 1 Specification of the Robot