

RoboFEI-HT - 2019 Robot Specification



Robot Name	Sirius
Height	900 mm
Weight	9.4 Kg
Walking Speed	To be measured
Degrees of Freedom	20 in total: 6 DOF per leg, 3 DOF per arm , 2 DOF on the head,
Type of motors	Dynamixel MX-106, MX-64 and RX-28
Sensors	UM7 Ultra-Miniature Orientation Sensor
Camera	Logitech HD Pro Webcam C920 (Full HD – 1920x1080)
Computing Unit	Intel NUC
	Intel NUC i5-4250U, 12GB DDR3 SDRAM, 120GB SDD
	WLAN – 802.11b/g/n
Operating System	Linux Ubuntu 16.04
Battery	LiPo 5000mAh