

Team WINKIT

Robot Specifications

December 14, 2016



Fig.1. robot picture

Name	Tsumugi
Height [cm]	56
Weight [kg]	4.6
Walking Speed [cm/s]	15
Actuator:	KONDO, B3M-SC 1170-A 1040-A
Torque [kgf·cm]	78 47
Degrees of freedom	20 in total with 6 in each leg: (1170-A×6) 3 in each arm: (1107-A×1, 1040-A×2) 2 in the neck: (1040-A×2)
Sensors: Camera:	FCB-MA133
Frame rate [fps]	30
IMU module Rate Gyro Accelerometer	Silicon Sensing Japan, AMU-lite ±300 [deg / sec] ±2G
PC:	
Manufacturer	LEXsystem 2I847H
Processor	Intel Core i7-3517UE (1.7GHz)
Wireless LAN	IEEE802.11a/b/g
Batteries	Li-ion, 3S×2 (3.7V, 3400mAh)