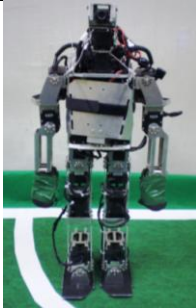


## SitiK KIT

### Robots Specifications for Humanoid KidSize League of RoboCup 2010

Table Specifications

Robot Picture	
Robot Name	Moyuru, Makoto, Kakeru
Height [cm]	55.9
Weight [kg]	4.3
Walking Speed [m/s]	0.33
Actuator:	Robotis, Dynamixel
Torque [kg-cm]	RX-64(10)    RX-28(10) 77.2            28.3
Speed [sec/60°]	0.157          0.167
Degrees of freedom	20 in total with 6 in each leg (RX64 × 5, RX28 × 1), 3 in each arm (RX28 × 3), 2 in the neck (RX28 × 2)
Sensors:	
Camera:	Point Grey Research, Firefly MV, FFMV-03MTC-CS
Resolution	640 × 480
Color space	YUV, HSV
Frame rate [fps]	60, 30, 15, 7.5
Accelerometer:	Kondo Kagaku, RAS-2
Gyroscope:	Kondo Kagaku, KRG-3 Silicon Sensing Systems Japan, CRS03-02s
PC:	
Manufacturer	SONY, VAIO typeU
Processor [GHz]	Core Solo 1.20
Network	IEEE802.11a
Batteries [V]	A123 Systems Cells: 18650 Li-Fe 19.8