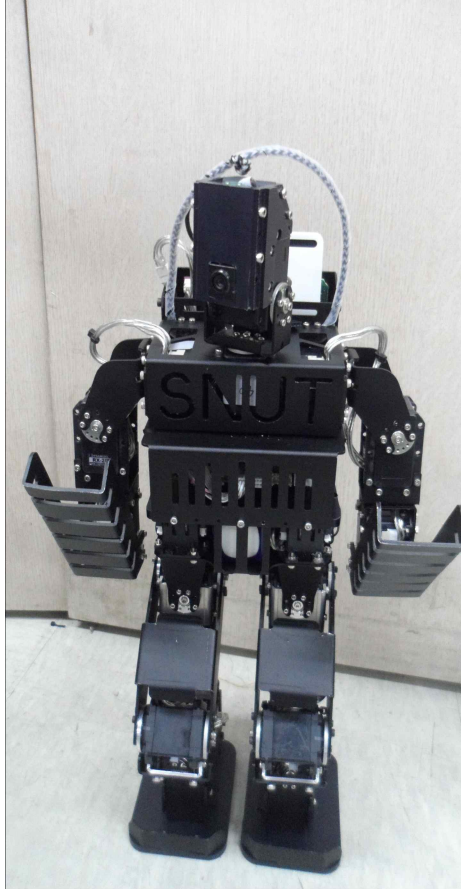


TEAM_RND



	Detail
Robot name	RND_Spirits
Height	51.5cm
Weight	3.8kg
Walking Speed	22cm/sec
Degree of Freedom	20DOF (6 DOF each leg + 3DOF each arm + 2DOF neck)
Type of Motors	Dynamixel RX-28 Dynamixel RX-64
Sensors	Logitech C905(Camera) 1-Axis Tilt Sensors 3-Axis Rate Gyro Sensors
Computing Unit	Main Controller : SROBOT (CPU :TMS320F2811) Sub Controller : Advantech PCM-3363D (Intel® Atom™ N455/D525 PCI-104 SBC, VGA, LVDS, Ethernet, USB, COM, SATA, Onboard Memory)
Battery	14.8V Li-po 2200mA

RND-Spirit picture

Summary : RND_Spirits do not have grip. But it is small and can move quickly. So we are going to give him a role as forward and defender robot in the Robocup 2015



	Detail
Robot name	RND_Ultra
Height	55.2cm
Weight	3.3kg
Walking Speed	22cm/sec
Degree of Freedom	20DOF (6 DOF each leg + 3DOF each arm + 2DOF neck)
Type of Motors	Dynamixel MX-28 Dynamixel MX-64
Sensors	Logitech C905(Camera) 1-Axis Tilt Sensors 3-Axis Rate Gyro Sensors
Computing Unit	Main Controller : SROBOT (CPU :TMS320F2811) Sub Controller : ODROID-U3 1.7GHz Quad-Core processor 2GByte RAM, USB
Battery	14.8V Li-po 2200mA

RND-Ultra picture

Summary: RND_Ultra is on the process of making. It is much more light than RND-Spirit, so it can do another role. And taller than RND-Spirit, view angle is bigger.