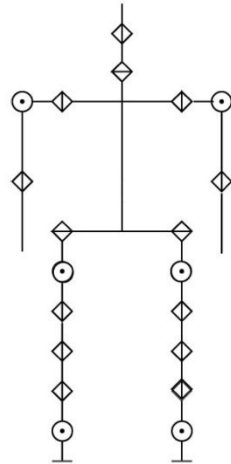


Specification paper UURT Humanoid robots



UURT Humanoid KidSize Robot kicking a ball with kinematical robot structure.

Height :	47 cm
Weight :	1.9 kg
Walking Speed :	0.3 m/s
Degrees of freedom :	20 in total with 6 in each leg, 3in each arm and 2 in the neck
Servo motors :	Dynamixel MX-28 and AX-12
Sensors :	
Camera	μ CAM Serial JPEG Camera Module (320 \times 240)
Inertial Measurement Unit (IMU)	CHR-6dm AHRS
Control Unit :	
Model	RoBoard RB-110
Processor	Vortex86DX
RAM	256 MB
Operating system	UURT Linux (buildroot 2012.08)
WLAN	VIA VT6655 Chipset

Technical Data of the 2013 of UURT Humanoid KidSize Robot.