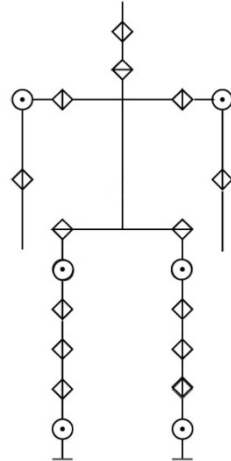


## UURT Humanoid Robot Specification



UURT Humanoid KidSize Robot kicking a ball (right) and kinematical robot structure (left).

Height :	40 cm
Weight :	1.8 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 AX-12
Sensors :	
Camera	A4tech pk-836MJ
Resolution	3.5 MP
View Angle	66 Deg
Gyroscope	LPR530AL, 2 axes
Accelerometer	Analog Devices ADXL330, 3 axes
Microcontroller board :	
Manufacturer	Atmel Corporation
Processor	ATmega2651 AVR
PDA :	
Model	HTC Touch 2
Processor	Qualcomm MSM7225
RAM	256MB
Operating system	Windows Mobile 6.5
WLAN	802.11b/g
Batteries:	LIPO 11.1V SMPS 12V, 5A

Technical Data of the 2011 of UURT Humanoid KidSize Robot.