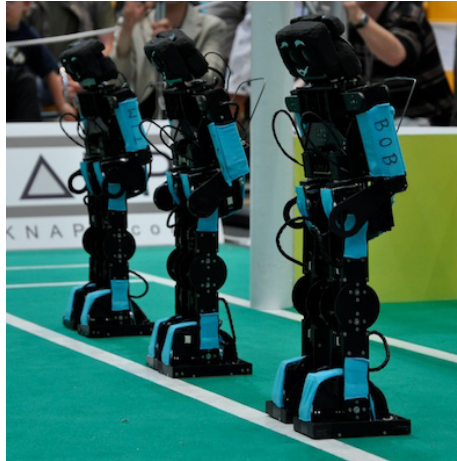


FUmanoids Specification Sheet 2011

Robot picture



Robot name

Lea, Bob, Tim, Eve

Height of the robot

ca 60cm

Weight of the robot

4320g

Walking speed

40cm/s

Number of degrees of freedom

21 servos

Type of motors

14 Dynamixel RX-64

7 Dynamixel RX-28

Computing unit(s)

IGEPv2 board

DM3730 CPU @ 1 GHZ

512 MB RAM

512 MB NAND flash

93 x 65mm

Camera(s)

HV7131rp sensor on custom board

Sensors used

6 DOF IMU

Servomotor position feedback

Ground contact sensors