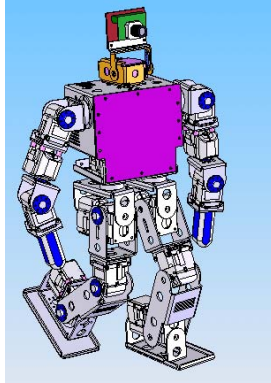




Name: Jaidee
Height: 45 CM
Weight: 3.3 KG
Walking speed: 1.5 m/min
Number of DOF: 22
Actuators used: RC servo motor
* Manufacturer: HITEC HS5995TG
* Torque: 30 KG-CM (@7.4V)
* Speed: 0.12 sec/60°
Sensors used:
Camera
* Manufacturer: CMUcam ver.1
* Specification: 17 frames per sec., 80 X 143 resolutions
Tilt Sensor
* Manufacturer: Analog Device, ADXL202
* Specification: +/- 2g
Processing boards used:
Vision Board
* Manufacturer: UBICOM
* Processor: SX28 Microcontroller
* Speed: 75 MHz
Motor controller#2
* Manufacturer: Microchip
* Processor: dsPIC 30f6014
* Speed: 20MHz
Main controller and Motor controller#1
* Manufacturer: Philips LPC-2138
* Processor: ARM7 TDMI-S
* Speed: 60MHz



Name: Jeed

Height: 45 CM

Weight: 2.7 KG

Walking speed: N/A

Number of DOF: 22

Actuators used: Servo motor

- * Manufacturer: ROBOTIS Dynamixel DX117

- * Torque: 33 KG-CM (@14.8V)

- * Speed: 0.126sec/60°

Sensors used:

Camera

- * Manufacturer: CMUcam ver.1

- * Specification: 17 frames per sec., 80 X 143 resolutions

Tilt Sensor

- * Manufacturer: Analog Device, ADXL202

- * Specification: +/- 2g

Foot force sensor (8X)

- * Manufacturer: Interlink Electronics

Rate Gyro (2X)

- * Manufacturer: Silicon Sensing Systems, CRS03-02

- * Specification: +/- 100 deg/sec

Processing boards used:

Vision Board

- * Manufacturer: UBICOM

- * Processor: SX28 Microcontroller

- * Speed: 75 MHz

Main controller and Motor controller

- * Manufacturer: Philips LPC-2138

- * Processor: ARM7 TDMI-S

- * Speed: 60MHz