

KMUTT Kickers: Robot Specifications



Name: Ka-Nok

Height: 110 cm

Weight: 5.6 kg

Number of DOF: 18

Actuators: Servo Motor

- ROBOTIS Dynamixel : 12 EX-106, 6 RX-28

Sensors:

Camera: Logitech Quickcam C905

IMU: Sparkfun 9 DOF Razor IMU (3 accelerometers, 3 gyros, 3 magnetometers)

Processors:

- PICO820 : Intel Atom™ processor Z500 (1.6GHz)
- ARM 7 : Philips LPC-2138 (60MHz)



Name: Ka-Ti

Height: 102.5 cm

Weight: 4.7 kg

Number of DOF: 18

Actuators: Servo Motor

- ROBOTIS Dynamixel: 12 RX-64, 6 RX-28

Sensors:

- Camera: HaViMo camera
- IMU: Tilt sensor ADXL202, Rate Gyro CRS03-02:
- ARM 7 : Philips LPC-2138 (60MHz)