

Robot Specifications

Team Bold Hearts
2016

DARwin-OP



Height: 455 mm

Weight: 2.8 kg

Walking speed: 24 cm/s

Degrees of freedom: 20 x Robotis MX-28

Sensors:

- Logitech C905 USB camera
- Gyroscope + accelerometer, 3-Axis
- FSR foot pressure (1 robot)

Computing units:

- fit-PC2i: Intel Atom Z530 @ 1.6GHz, 1GB RAM, 4GB SSD
- CM-730 Sub Controller: Cortex-M3 @ 72MHz