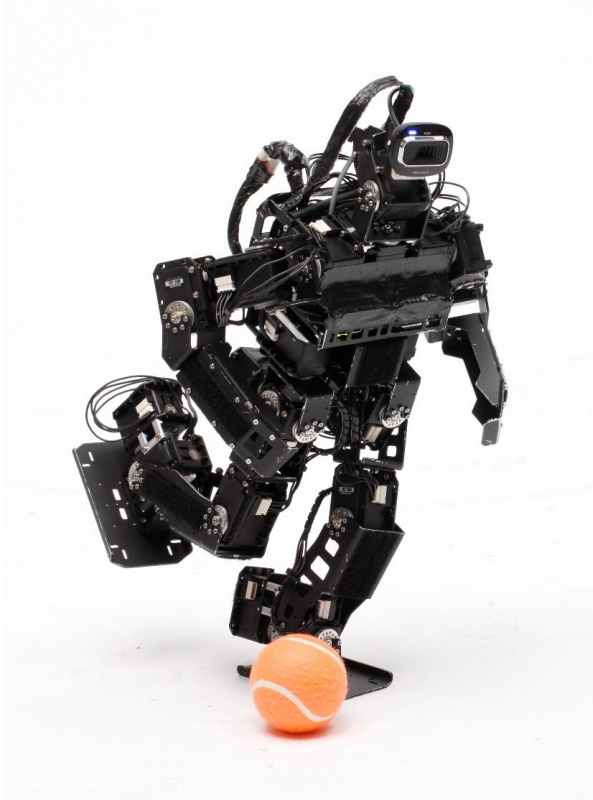


Robot Specification Kid Size 2015

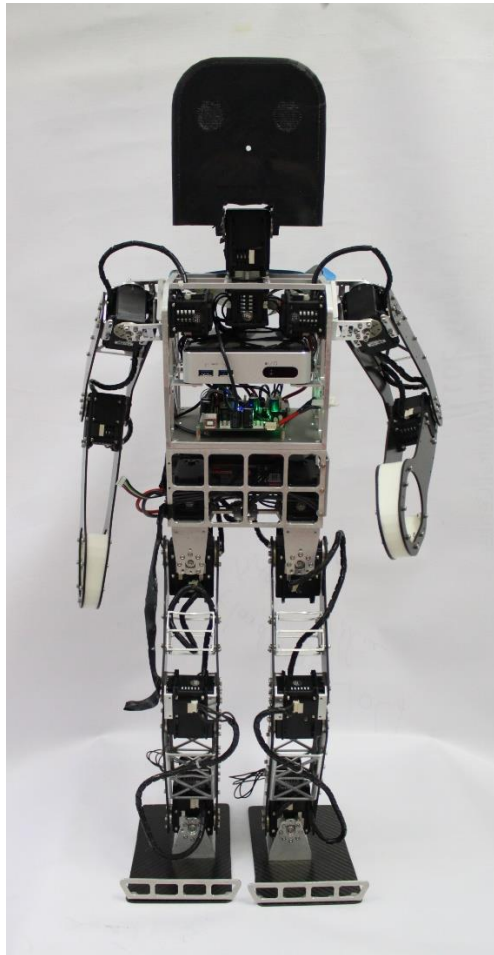
WF Wolves & Taura Bots

Da-v1n



- **Name:** Da-v1n
- **Height:** 45.5 cm
- **Weight:** 2.8 kg
- **Walking speed:** 24 cm/s
- **Number of degrees of freedom:** 20
 - o 6 per leg (x2)
 - o 3 per arm (x2)
 - o 2 in the head
- **Motors:** Dynamixel MX28-R
- **Sensors:**
 - o IMU: 3-axis accelerometer, 3-axis gyroscope, 3-axis magnetometer
 - o Camera: Microsoft LifeCam HD-3000
- **Computing units:**
 - o Main processor: Intel Atom Z550 @ 2.0 GHz
 - o Movement control: Atmel AT91SAM7X256 @ 96 MHz
- **Other specs:**
 - o Material: Aluminum, ABS

Detlef



- **Name:** Detlef
- **Height:** 85 cm
- **Weight:** 6.4 kg
- **Walking speed:** 32 cm/s
- **Number of degrees of freedom:** 20
 - 6 per leg (x2)
 - 3 per arm (x2)
 - 2 in the head
- **Motors:** Dynamixel MX64 (x8) and MX106 (x12)
- **Sensors:**
 - IMU: 3-axis accelerometer, 3-axis gyroscope, 3-axis magnetometer
 - Camera: Microsoft LifeCam HD-3000
- **Computing units:**
 - Main processor: Intel i5 4250U
 - Movement control: Atmel AT91SAM7X256 @ 96 MHz
- **Other specs:**
 - Material: Aluminum, Carbon, ABS