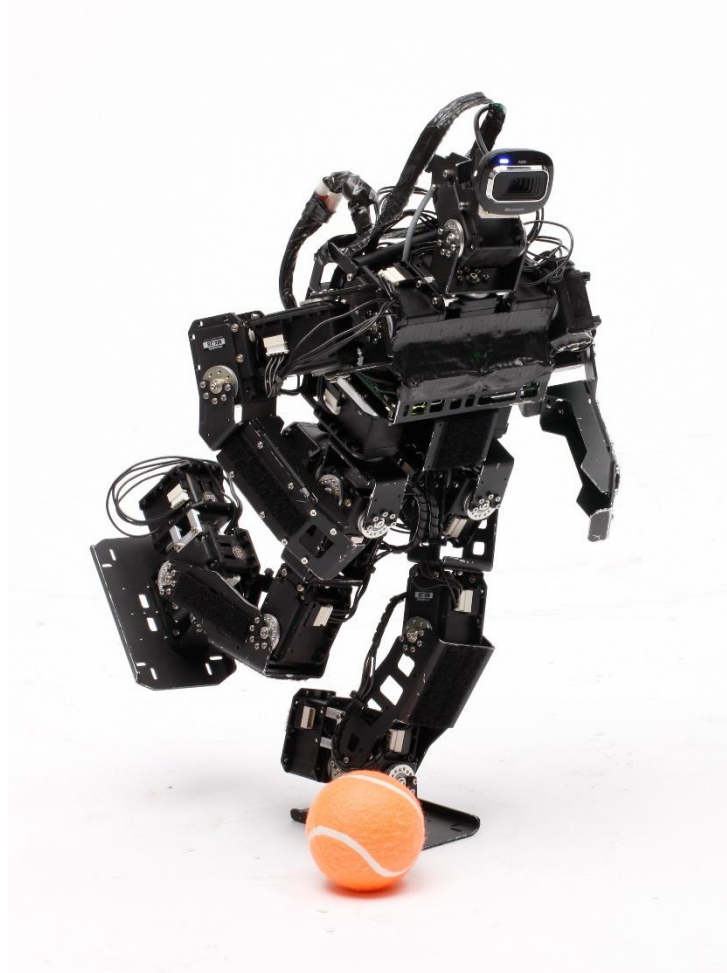


# WF Wolves Robot Specification 2014

Ostfalia University of Applied Sciences  
Department of Computer Sciences  
Am Exer 2, 38302 Wolfenbüttel, Germany

<http://www.wf-wolves.de>



- **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 RX28 and 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