

NAO Robot

Lyman currently has 2 NAO Robots using Aldebaran's proprietary middleware (NAOqi) with various communication devices including voice synthesizer, LED lights, and 2 high-fidelity speakers.

NAO is a 57-cm tall humanoid robot that features:

- a programmable body with 25 degrees of freedom (DOF);
- a sensor network, including 2 cameras, 4 microphones, sonar rangefinder, 2 IR emitters and receivers, 1 inertial board, 9 tactile sensors, and 8 pressure sensors;
- an Intel ATOM 1,6ghz CPU (located in the head); and
- a Linux kernel.