



DataQ USB IO module
E-stop, general IO

Xsens MTi IMU
Odometry, orientation information

Ubiquity Pico Station 2HP
Wi-Fi mesh communications

Logitech Sphere PZT camera
Object tracking (not in photo)

Intel Core 2 Duo PC
CPU & GPU processing

SICK LMS 111 lidar
SLAM, obstacle avoidance

QStarz 5 Hz GPS
Global localization

Hokuyo URG lidar
Detecting ramps, curbs, obstacles

Axis IP camera
Sit. awareness, teleoperation

RF Innovations 900 MHz radio
Redundant communications link

Pioneer AT3 all-terrain base
WAMbot UGV platform

IBEO LUX automotive lidar:
Tracking mobile OOIs