



Optitrack indoor testbed

Indoor testbed based on an indoor positioning system that uses 20 Optitrack Flex13 infrared cameras. This system can calculate the position and orientation of moving objects, previously tagged with special markers, within the volume of the testbed (11x7x2.5 m) in real time (with an update rate of up to 120 Hz).

Key Features

- Update rate: 120Hz
- Size: 11x7x2.5m
- Cameras: 10
- ROS integration

Possible Applications

- Ground truth position recording for datasets
- Indoor flying robot experiments
- Human-robot collaboration experiments



Access information

Corresponding infrastructure	Universitat Politècnica de Catalunya IRI
Location	C/ Llorens i Artigas 4-6, 08028 Barcelona, Spain
Unit of access	Working day

Technical specifications

No technical specifications specified.