



Barcelona Robot Lab

Outdoor pedestrian area of 10.000sqm in the UPC nord campus, provided with fixed cameras, wifi, 3G/4G and partial gps coverage, with presence of buildings, open and covered areas, ramps and some vegetation. Several public space scenarios could be developed in this area, as markets, bars or shops aiming to deploy robots in a real and controlled urban scenario to perform navigation and human robot interaction and collaboration experiments for multiple applications.

Key Features

- Partial GNSS coverage
- 3G/4G coverage
- Wifi coverage
- Fixed 21 cameras
- ROS integration

Possible Applications

- Good distribution
- People searching
- Human-robot interaction and collaboration
- Tracking of objects and persons
- Vision surveillance
- Communication between deployed robots and devices



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.