

## Lidar 3D Captor

### Ouster

Become a more technologically advanced city and make life easier for your planners and architects with Blue City technology!

This technology gives you access to highly detailed, real-time information on road user traffic, pedestrians and cyclists.

Only Blue City can give you information on crosswalks and how pedestrians use them at any time of day.



## Description

### How does it work?

A 3D lidar sensor is installed and detects road users. The Edge AI device is connected and classified multimodally, enabling real-time tracking. All data is analyzed and easily accessible in the BlueCity iQ analytics platform.

### Advantages :

**Reliable:** Collect data in all lighting and weather conditions.

**Multimodal:** When your AI is on-board, it's possible to classify your data between vehicles, pedestrians and bicycles.

**Linked:** Access your data in real time with an LTE / 5G network.

**Cost-effective:** Only one sensor is needed for most intersections, and no underground wires are required.

**Privacy protected:** Collect your data in all possible lighting or weather conditions.

**Advanced safety analytics:** Protect and improve safety with real-time conflict management through analytics;

**Available for temporary or permanent installation.**

### **Waterproof housing (IP67)**

- 360-degree coverage
- 50-meter coverage radius
- Safe for the eyes
- Single cable (power and data)
- Effortless installation

## Specifications

Get detailed count data on cars, trucks, pedestrians and cyclists;

- Discover the speed of road users at any time of day;
- Safety and conflict analysis;
- Improve road safety for all users with specialized safety, including incident counts, red light detection, pedestrian crossing time estimation, collision time analysis and illegal turn movement.
- Crosswalk occupancy;
- Automated signal performance measurement;
- Easily access, view and download a wide range of signals that measure performance, including green allocation.

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**For more information: 1 800 363-5913**

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