Lidar 3D Captor

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.

For more information: 1 800 363-5913

Created on 30.08.2025 at 20:30:34 EDT