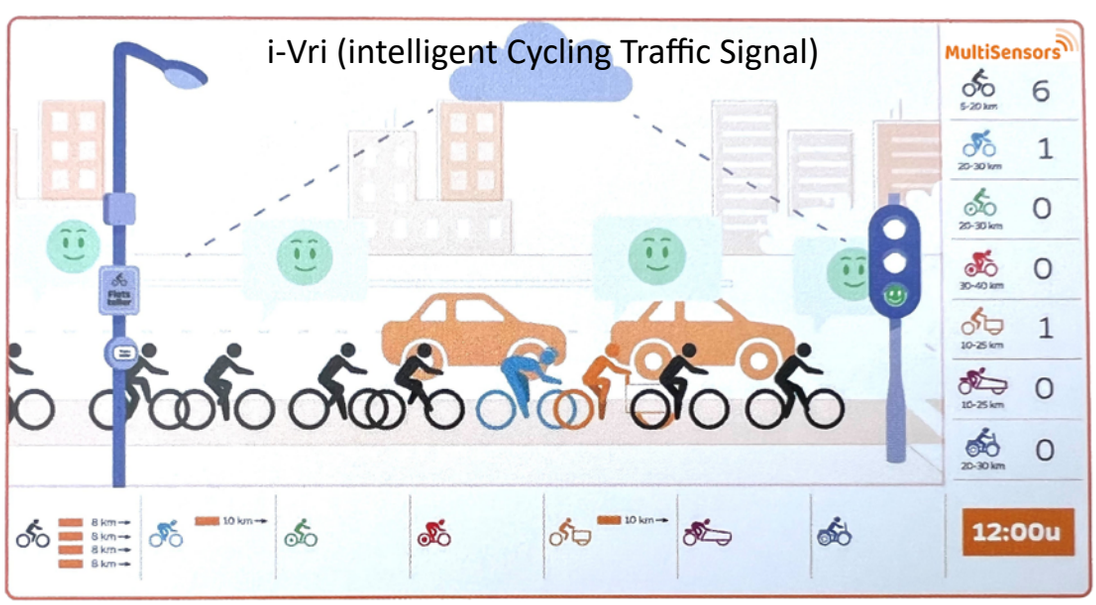
MultiSensors

i-Signum

i-Signum gives A better flow on Cycling paths

By using the i-Signum at the right locations, this means no bottlenecks and a better flow on the cycling path. This is safer for cyclers, prevents irritation due to long waiting times for cycling traffic signals and the cycler arrives faster at his or her destination. The more vehicles detected on the cycling path, the higher the priority that can be given to the traffic signal.



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DUTCH CYCLING EMBASSY

MultiSensors

i-Signum

How does this work?

The i-Signum is installed in front of the i-VRI (cycling traffic signal). The i-Signum detects with high accuracy the number, time, speed and direction of vehicles on the cycling path. The detection data are then converted to CAM data and linked to Monotch's TLEX/UDAP data platform. This platform is directly connected with the cycling traffic signal and ensures that the signal gives priority to cycling peletons.

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monotch
SMART MOBILITY PLATFORMS

With the i-Signum plus, you can also have permanent cycling tele-measurements done in order to answer questions such as:

- How many bikes are in a given direction, for specific period (hours, days, weeks, months);
- Identify traffic density during peak traffic hours;
- Establish based on their speed, how many bikes, e-bikes, mopeds and other vehicles use the bike path.

i- Signum measures the actual data of vehicles on cycle paths without making use of algorithms or estimates.

- i-Signum is a contactless bicycle counter measuring system that generates the precise number of vehicles on the cycle path without the use of algorithms.
- We achieve an accuracy of more than 90%, even during peak hours. How many bikes are waiting too long for a traffic light.

No noise from other vehicles

- i-Signum can be adjusted in a very targeted manner thereby avoiding impaired data quality at the measurement location.

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