

EVEN THE SMALLEST THING
CAN HAVE MAJOR IMPACT

CYCLOPE

TRAFFIC INDICATOR CAPSULE

MAINTENANCE FREE • RELIABLE • SECURE TO USE

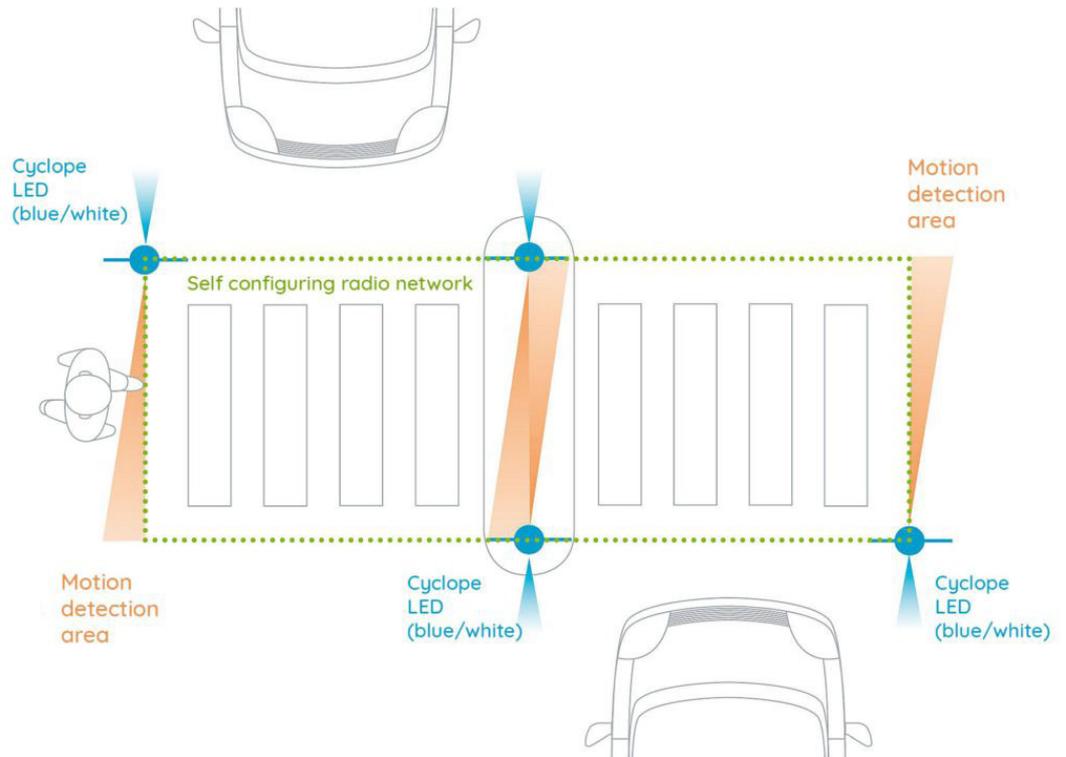


INNOTRAFIK
a step ahead

How the capsule functions?

Intelligent detection of pedestrian movement and automatic activation of blue-white LED lights.

When a pedestrian enters to the beam area the motion detector triggers other Cyclope Capsules via a self-configuring radio network.



Additional safety for crosswalk area

A crosswalk should be the safest place to cross the street. However almost a half of all pedestrian accidents happen on a crosswalk. By having the crosswalk area highlighted, the amount of pedestrian accidents can be effectively reduced. Common tools to highlight the crosswalk area, such as traffic lights, speed bumps or raising the crosswalk, can be expensive solutions.

Cyclope traffic indicator capsule is a flexible and cost-effective innovation to improve pedestrian safety. It is primarily designed to secure populated urban centers and locations with high accident risk. Cyclope Capsule is perfect for neighborhoods where there are schools, kindergardens, sports facilities and nursing homes. Cyclope Capsule warns drivers with flashing LED lights when a pedestrian or cyclist is approaching a crosswalk, giving the driver more time to react.

Devices are placed each side of the street. Cyclope Capsule recognizes pedestrian movement and automatically ignites the flashing lights. When a pedestrian steps into the range of motion detector, Cyclope Capsule turns on other devices within the same configurable radio network.

Comprehensive utilization

The most obvious place to install Cyclope Capsule is pedestrian crosswalk, but Cyclope Capsule is equally effective for bus stops, pedestrian tunnels, light-traffic intersections, parking areas and other places where more powerful warning indicator system would increase pedestrian's safety.



Technical Specifications

- LED light visibility up to 300 meters.
- Measures: Height 270 mm; Width (oval shape) 134 x 165 mm; Weight 1200 g (active capsule), 700 g (passive capsule)
- Installation height: 150 cm from the ground level
- Installation on a pole with a diameter of 60 mm or 76,2 mm (3") depending on which size of capsules are used.
- Bi-directional IR sensors
- Radio frequency: 2,4 GHz; operating range up to 150 m.
- Batteries: Lithium metal batteries; battery life of two years in normal use
- 3M Class 2 reflective foil
- Operating temperature: -30C - +60C
- IP 65
- CE Approved



Quick to install and easy to use

Cyclope Capsule is easy to install by mounting it to a existing traffic sign pole and it can easily be relocated to a different place if needed. Cyclope Capsule is basically service-free. Batteries should be changed approximately once in two years. The durability and effectiveness has been proven by several tests.

One sales package incl.

- Two active Cyclope Capsules
- Two batteries
- Six passive capsules
- Installation guide
- Screws, cover plugs
- Special bit for safety screws

Tools needed for installation work:

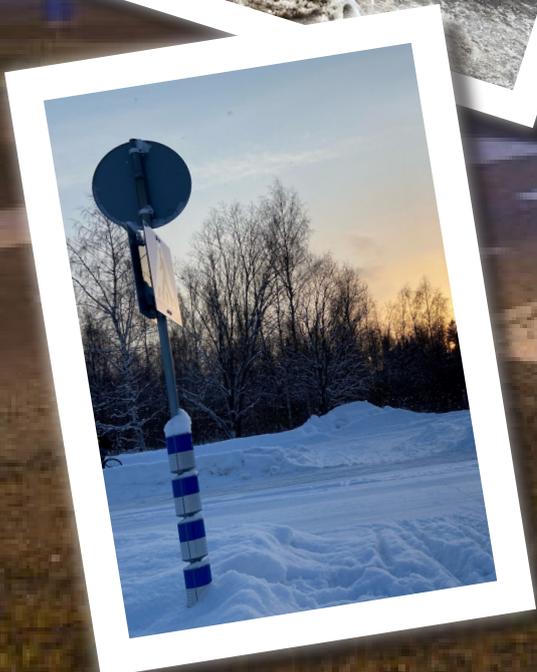
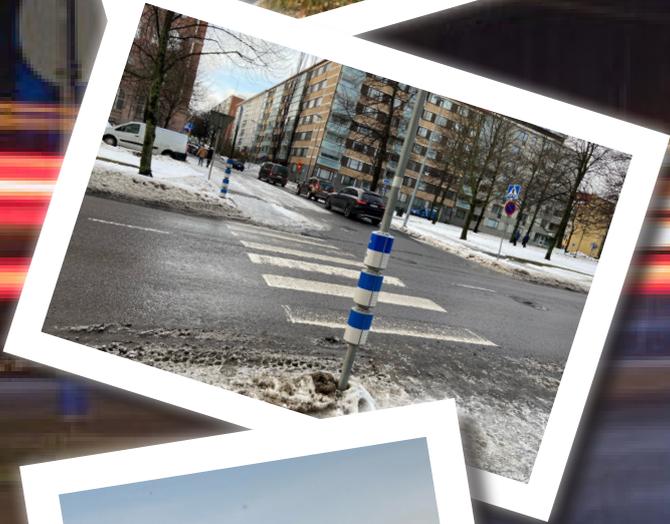
- Electronic screwdriver

Cyclope Capsule Benefits

- Highlights the visibility of crosswalk areas.
- Safer and smoother street crossing for pedestrians and bicyclists.
- Car drivers gets visible warning of approaching pedestrians.
- More fluent traffic flow, since the device activates only when needed.
- A cost-effective and flexible solution for improving traffic safety.
- Enable building of safer street infrastructure in accident risk areas like schools and nurseries.
- Low energy consumption rate, transferrability and re-cyclability makes Cyclope Capsule environment friendly.



INNOTRAFIK
a step ahead



Finnish innovation

Cyclope Capsule is a Finnish, award-winning innovation. Product development and testing of Cyclope Capsule has been conducted in co-operation with official city traffic planners. The functionality and durability of the device have been verified through numerous field studies and stress tests. Cyclope Capsule meets current traffic control equipment regulations and is manufactured in Finland.

Award winning solution

Cyclope Capsule has been awarded the "Traffic Act of the Year" -award at the Car and Traffic Gala on 27 January 2021. Cyclope Capsule has also won the international Vision Zero 2.0 traffic safety competition organized by the City of San Francisco in 2015.

Contact us!

InnoTrafik Oy
www.innotrafik.com
info@innotrafik.com

INNOTRAFIK
a step ahead