

Visible Safety

- Highlighting of crossing pedestrians
- Warning before pedestrian steps on the road

Every year, plenty of people suffer injuries at the designated pedestrian crossings. According to European road safety observation in 2019., over 4628 pedestrians died in road accidents in the EU, 20% of all road fatalities. Nine out of ten personal injuries and three out of four fatal accidents occur at pedestrian crossings that are unprotected by traffic light.

Pedestrian crossing points with a high risk of being hit by a vehicle:

- No traffic lights
- Crossing busy roads
- Areas of high traffic congestion (schools, nurseries, public transport hubs)
- Pedestrian crossing points with inadequate lighting

The cause of most pedestrian accident: Poor visibility conditions

In pedestrian crossing points without traffic lights, pedestrians who unexpectedly appear in poor visibility conditions are at increased risk, as statistics show: 68% of accidents in Europe occur at dusk and dawn.

Pedestrian accidents at designated pedestrian crossings

IN EUROPE	IN HUNGARY
Nearly 100.000 /annum	>2.500 /annum

Pedestrian fatalities

IN EUROPE	IN HUNGARY
>5.500 /annum	>150 /annum

If drivers can detect a pedestrian crossing the road in time, most accidents can be prevented.*

*According to data published by the Hungarian Police, 2019





To protect pedestrians, VisibleCrossing has developed a solution that detects and makes the pedestrian visible to drivers before the crossing starts.

This is the SafeXOne system!

Mounted on pillars at the four corners of the crossing, a **directed flashing yellow light** alerts drivers to the danger, while a **flat laser field projected over the road surface** makes the pedestrian crossing the roadway clearly visible. This dynamic lighting effect is particularly effective at dusk, at night, in rainy and foggy weather, when it is most needed!

Benefits of the SafeXOne system:

- 1 Easy to install and move almost anywhere**
No destruction of the pavement is required!
If the pedestrian crossing is moved to a new location, or a temporary installation is needed, the system can be simply relocated.
- 2 Fitting into the SMART CITY concept**
Precision pedestrian detection results in reliable operation and provides accurate information on pedestrian crossing patterns.
- 3 Sustainability**
2 years warranty, up to 5 years spare parts replacement
10 years warranty on steel structures
- 4 Approvals**
Can be installed on road sections managed by both Municipalities and the Hungarian Public Road Authority

