

TECHNICAL SHEET

MULTI CARS/BUSES

The MULTI Cars/Buses are used on roads with little traffic, access roads to landmarks or parking lot entrances. The counter differentiates between and separately logs cars and buses on asphalt roads or on soft soil. This is ideal for permanent or semi-permanent counting. The system uses Eco-Counter's ZELT Inductive Loops, a unique and patented technology which has been continually improved by our Research and Development Team for over 5 years. Each time a vehicle passes over the Loops, its wheelbase generates a change in the magnetic field, which triggers a count. Buses are differentiated from cars comparing the wheelbase distance.

- + Installation on any road surface
- + Battery powered
- + Differentiation of cars and buses



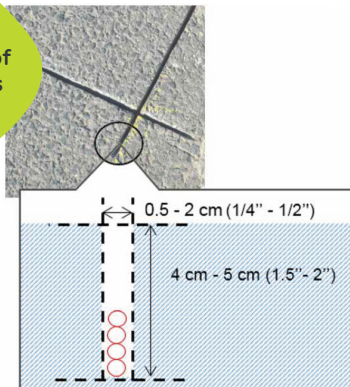
General Characteristics

| | |
|----------------|---|
| Technology | Inductive Loop |
| Battery Life | + 2 Loops: 2 years + 4 Loops: 1 year |
| Calibration | Autocalibration |
| Covered Width | Up to 6 m (20') according to the configurations |
| Direction | Direction recognition in option |
| Waterproofness | IP 6.8. |
| Data Backup | 60-minute or 15-minute data recording interval |

Physical Characteristics

| | |
|--------------|--|
| Dimensions | + Length: 150 cm to 250 cm (5' to 8') + Width: 150 cm (5') |
| Installation | + Trench Depth: 40 to 50 mm (1.5" to 2") + Trench Width: 20 mm (1/2") / circular saw with double disk necessary |
| Coils | 4 coils \varnothing 1,5 mm ² |
| Inductance | Between 100 and 150 μ H |

Dimensions of the trenches



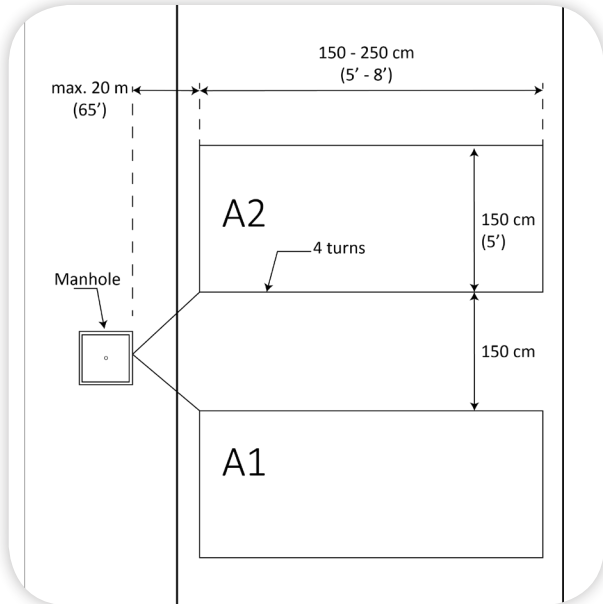
Example of a MULTI Cars/Buses



Using two ZELT Loops allows to differentiate buses from cars comparing the wheelbase distance

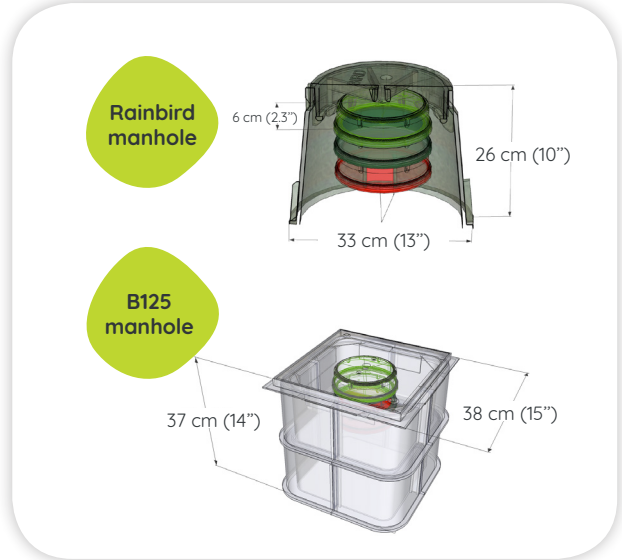
MULTI CARS/BUSES

Two-Loop System

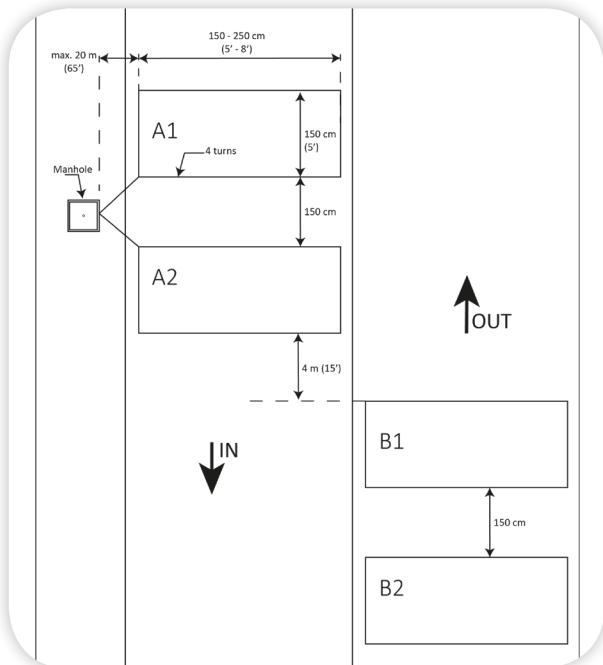


Roads less than 4 m (15') wide

Manhole



Four-Loop System



Roads more than 4 m (15') wide