ANALYTICS SET-UP

Speed and turning counts with speed lines

Set up a speed line, read speeds in km/h, and count vehicles by the path they take through a junction.

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How a speed line works

A speed line is two lines drawn a measured distance apart. The app times each object from the first line to the second and works out its speed. The further apart the lines, the better the estimate.

> Speeds are estimates for planning and traffic studies. They are not for enforcement.

Set one up

1. **Measure the real distance**
   Pick two marks on the road, such as line markings or poles, and measure between them in metres or feet.

2. **Draw the speed line in the app**
   Place the two lines on those marks and enter the distance.

3. **Keep it inside the frame**
   Vehicles must be fully detected before they reach the first line, so leave space between it and the picture edge.

4 **Choose your units**

In the portal's Settings, choose km/h or mph and metres or feet.

Speed reports

The Speed report charts average or maximum speed and can compare periods, such as this week against last. Its speed data table lists each object with its time and speed, can be filtered, and exports to CSV.

Turning counts

Speed lines also count objects that follow a path. At a T-junction with arms A, B and C, draw one speed line per movement (A to B, A to C, B to C, and the reverse where traffic runs both ways). A Trajectory report then shows each movement as its own series.

Still stuck?

Email **support@crowdsense.events** with your account reference (it starts CS-D-), the computer's name and a screenshot of what you see. For sales questions, **contact us** (crowdsense.events/contact).