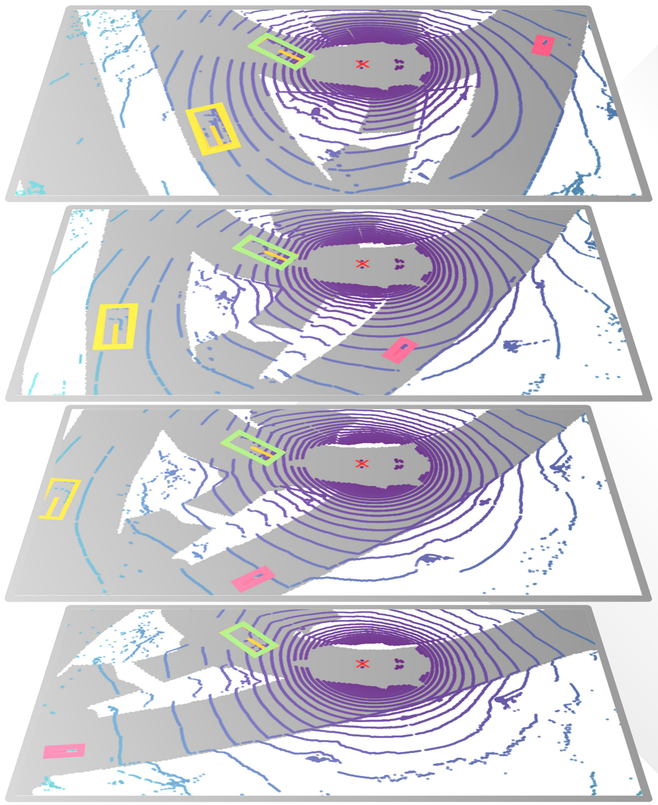

4D LiDAR

Existence

Q. Which object was present at a distance behind the ego vehicle in frame 24?

A. MOTORCYCLE.

Binary QA

Q. Was there a motorcycle in front of the ego vehicle during frames 12 to 20?

A. Yes.

Time Grounding

Q. At which frames does a path to the left become more visible in the front view?

A. from frame 018 to frame 020.

Simple Task

Description

Q. Describe the lidar-sequence.

A. The lidar-sequence captures a dynamic scene involving the ego vehicle, with a motorcycle initially at the front-left moving to the rear-right, indicating its opposite direction of travel.

Temporal Understanding

Q. What happens to the motorcycle relative to the ego vehicle by the end of the frames?

A. It becomes less relevant as it moves away.

Comprehensive Reasoning

Q. What does the driver need to monitor in the back view from frame 12 to frame 20?

A. The answer is cars navigating the intersection, including one from the left, representing potential obstacles and collision risks at the intersection.

Complex Task