

ABSTRACT

A detection device, which detects a behavior of a vehicle in a preset detection area using a laser radar that generates point cloud information by irradiating the detection area with laser light and receiving reflected light resulting from the irradiation with the laser light, includes an acquisition unit configured to acquire the point cloud information, a vehicle detection unit configured to detect a vehicle on the basis of the point cloud information, and a behavior detection unit configured to detect a target behavior that is a vehicle behavior subjected to detection in response to the vehicle detected by the vehicle detection unit having moved from a first area to a second area, in which the first area and the second area are included in the detection area and are set according to the target behavior.

Figure 1