

{Abstract}

An object of the present invention is to improve the accuracy of position detection after an intersection is passed through. A positioning unit (10) of an apparatus for vehicle (1) includes an intersection-information storage unit (12) that stores intersection information in which the coordinates of intersection positions are registered in association with combinations of a direction of entry into and a turning direction at intersections. The positioning unit (10) detects, as a reference detection position, the position of a moving object at the time when a predetermined condition is satisfied in an intersection region set for each intersection, obtains the coordinates of a relevant intersection position based on a direction of entry into and a turning direction in the intersection region, and corrects the position information of the moving object obtained by a position-information obtaining unit (11) by using the position coordinates of the intersection position and the reference detection position.