WHAT IS CLAIMED IS:

1. An image processor for performing an image process for an image captured by a camera and including inside of a car and a hall to detect a passenger near doors of the car, the image processor comprising:

an acquisition module configured to obtain an image captured in a state where a marker distinguishable from a floor surface of the car and a floor surface of the hall is provided from the camera;

a detection module configured to recognize the marker from the obtained image and detect a deviation of an attachment position of the camera based on the recognized marker; and

a setting module configured to set a setting value related to the image process when a deviation of the attachment position of the camera is detected,

wherein the marker is provided at a position allowed to specify a relative position with respect to a sill for guiding opening and closing of the doors of the car.

2. The image processor of Claim 1, wherein

the detection module is configured to:

compute a relative position of the camera with respect to a reference point included in the obtained image and an attachment angle of the camera based on the recognized marker; and

detect a deviation of the attachment position of the camera when the computed relative position of the camera with respect to the reference point is not matched with a relative position of the camera with respect to the reference point included in a reference image of a case where the attachment position of the camera is not deviated.

3. The image processor of Claim 2, wherein

the setting module is configured to set the setting value related to the image process based on the computed relative position of the camera with respect to the reference point and the computed attachment angle of the camera.

4. The image processor of any one of Claim 1 to Claim 3, wherein

the setting value related to the image process includes an area for detecting the passenger, the area being set for the image captured by the camera.

5. The image processor of any one of Claim 1 to Claim 4, wherein

a plurality of markers are provided on a floor surface of the car along both end portions of the sill.

6. The image processor of any one of Claim 1 to Claim 5, further comprising a notification module configured to notify a manager that an abnormality occurs when a deviation of the attachment position of the camera is detected.