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**ABSTRACT**

An image processing device that enables an occupant of a mobile body, such as a vehicle, to intuitively understand the relationship between an outside image displayed on a display device and an eye position. The device includes: a 3D position information acquisition unit that acquires information on the position of an occupant's eye; an image acquisition unit that acquires an outside image; a cropping unit that crops a region image from the outside image, based on the eye position information; a projection image generation unit that generates a projection image of a 3D model having an opening, as viewed from the position of the eye; an image compositing unit that composites the region image and the projection image such that the region image appears in the opening of the projection image on the screen; and an image output unit that outputs a composite image to the display device.

