

Abstract

Provided are a method and device for depth image completion and a computer-readable storage medium. The method includes that: a depth image of a target scenario is collected through an arranged radar, and a Two-Dimensional (2D) image of the target scenario is collected through an arranged video camera; a to-be-diffused map and a feature map are determined based on the collected depth image and 2D image; a diffusion intensity of each pixel in the to-be-diffused map is determined based on the to-be-diffused map and the feature map, the diffusion intensity representing an intensity of diffusion of a pixel value of each pixel in the to-be-diffused map to an adjacent pixel; and a completed depth image is determined based on the pixel value of each pixel in the to-be-diffused map and the diffusion intensity of each pixel in the to-be-diffused map.

[Figure 1]