

ABSTRACT

Provided are a method and apparatus for processing a laser radar based sparse depth map, a device and a medium. The method for processing a laser radar based sparse depth map includes: inputting, into a neural network, the laser radar based sparse depth map; and acquiring, by the neural network, at least two feature maps, each of a respective different scale, for the laser radar based sparse depth map, performing valid point feature fusion for each of the at least two feature maps of the different scales, and processing the at least two feature maps having subjected to the valid point feature fusion, to obtain a processed depth map, wherein a number of valid points in the processed depth map is greater than a number of valid points in the laser radar based sparse depth map.

[Figure 1]