

ABSTRACT

A point cloud fusion method and apparatus, an electronic device, and a computer storage medium are provided. The method comprises: determining a depth confidence of pixel points in a current frame depth map according to at least two influence factors in scene information and/or camera information, wherein the scene information and the camera information each comprises at least one influence factor (101); and performing point cloud fusion processing on the pixel points in the current frame depth map according to the depth confidence (102). Therefore, various factors can be comprehensively considered to determine the depth confidence of the pixel points, thereby improving the reliability of the depth confidence, and improving the reliability of point cloud fusion processing.

[Figure 1]