

ABSTRACT

Embodiments of the present disclosure provide a dual-view angle image calibration method and apparatus, an image processing method and apparatus, a storage medium and an electronic device. The dual-view angle image calibration method includes: performing feature matching on a first image pair to obtain a first feature point pair set, the first image pair including two images respectively photographed corresponding to two different view angles of a same scene; obtaining multiple different first fundamental matrices of the first image pair at least according to the first feature point pair set, and obtaining first image deformation information indicating relative deformation between the first image pair after mapping transformation is performed through the first fundamental matrices and the first image pair before the mapping transformation is performed; determining a first optimization fundamental matrix from the multiple first fundamental matrices at least according to the first image deformation information; and calibrating the first image pair according to the first optimization fundamental matrix. By means of the technical solution of the present disclosure, automatic calibration of the dual-view angle images may be implemented, and calibration errors caused by errors in calibration parameters of a photographing device may be avoided.

[Figure 1]