

ABSTRACT

The present disclosure relates to image processing method and apparatus, electronic device and storage medium. The method includes: obtaining multiple original images which are collected by a Time of Flight (TOF) sensor in the same exposure process and have a signal-noise rate lower than a first numerical value, where phase parameter values corresponding to same pixel points in the multiple original images are different; and performing optimization processing on the multiple original images by means of a neural network to obtain depth maps corresponding to the multiple original images, where the processing includes at least one convolution processing and at least one nonlinear function mapping processing. Embodiments of the present disclosure may effectively recover high-quality depth information from the original images.