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(57) Abstract :

A portal image processing device (100) and a method for using the same are disclosed. The portable image processing device comprises a fixation target (102), where the fixation target shows a spot to a user, an infrared camera (104) configured to record video of both eyes of the user, an image processor (106) configured to analyze the video recorded by the infrared camera (104) by dividing the video into a plurality of frames of images, and analyzing the frames of images in frame by frame manner to detect type and amount of deviation in the both eyes of the user.

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