THE ASSEMBLY OF 3 DIMENSION SCANNER USING MICROCONTROLLER

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ABSTRACT

Scanner is a device which is used for scanning an object for certain needed. On the military technology, scanner is used for maping in around condition. Further development, technology of scanning is used to reconstruct 2D object, or even 3D.

Many 3D scanner need scanning proses up to hundreds capturing, with the different angel and different side of the object in order to get the complete information to be arranged by the suitable object which is taken.

This final project develop 3D scanner by collecting line contour which is produced by laser pointer and then captured by the stereo camera.

Key Words: Microcontroller, Scanner 3 D, Lasser pointer, Stereo camera
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