

Infrared Detection Device for Accurate Scanning 3D Objects

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Abstract : This article contains information about creating special unit for scanning 3D objects different nature, different materials, for example plastic, plaster, cardboard, wood, metal and etc. The main part of the unit is infrared transducer, which is sends the wave to the object and receive back wave for calculating distance. After that, microcontroller send to PC data, and computer program create model for printing from the plastic, gypsum, brass, etc.

Keywords : clutch, infrared, microcontroller, plastic, shaft, stage

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