

ABSTRACT

Scanner is a hardware device that functions for scanning . The results of the Scanner there are 2 -dimensional and 3 -dimensional . The results of the 3-dimensional shape is considered more realistic . This form is considered to have a more accurate and effective . The results of 3-dimensional could include wider media , such as form, such as the original .

Compared with the results of two -dimensional , it may be considered less attractive and realistic . Therefore , in this project will be made a prototype scanner that results will be displayed visually 3 -dimensional . Using Arduino Board and Parallax Ping Sensor as a scan tool , and MATLAB to display the scanned simulated reconstruction . So that the results can be seen more clearly .

Keywords : 3- dimensional and Scanner