ABSTRACT

Sensors measure the height and volume of water is designed to facilitate the monitoring process on a water reservoir, water reservoirs, especially in hard to reach people. This device consists of Ultrasonics PING Sensor Range Finder is used to measure the distance or height and volume of water, as well as the LCD and the PC as a display of measurement results. Keypad then used as input time, Buzzer is used as an alarm to warn if the condition of the shelter is full and ATMega8535 microcontroller as the main processors in this series. To form a device that can measure the height and volume of water is automatically and the charging time of water that can be set by the user.

Keywords: Sensor PING, ATMEGA8535 microcontroller, LCD, height and volume of water