The level of accident increase high when tank goes into the war. The risk that will be taken by the driver is also high. Therefore made a tank that will be controlled from the distance in purpose for reducing the damage of the tank driver. Tank is controlled by the controller and the data will be sent through Xbee PRO. The tank also has the minimum system circuit which connected with motor driver. This driver is used for moving the front and back tires. The speed of the tank is controlled by PWM. Limit switches are put inside the front tier for motor safety. Front tires and back tires’s move based on ADC 1 and ADC 2 value which sent by Xbee PRO. Tank is also equipped with 2 cameras which placed on the front side and the back side. The cameras are used for observing the direction of the tank and the situation around when the tank is controlled from the distance. The data captured by cameras are sent by video sender. Based on the experiment, tank has the capability for 20° turning right and 27° turning left from the normal line. The tank speed has variation from slow to fast. Xbee PRO can send and receive data 15 meter indoor and 39 meter outdoor. The conclusions based on the experiment are the Xbee PRO data sending still limited 15 meters indoor and 39 meters outdoor and the front tires still have limited movement.

Keywords : Microcontroller, Tank, XBe PRO, DC Motor Driver, limit switch.
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