ABSTRACT

Wi - Fi (Wireless Fidelity) representing special development form from radio transmisi technology having frequency area work by itself as one of the technological form of network information and communications without physical medium. While robot is a imitating program which can and designed to do certain duty according to comand equally a robot is program appliance able to so that can execute some certain duty. Hence under consideration technological scheme of modern electronics in this time emphasize at functional development from condition of antecedent.

In this final duty made a designing to wake up car robot system with Wi – Fi communications as communications conduct without physical medium. This appliance compose form follow the example of mini car which with camera as visual capture is condition of field and PC (Personal Computer) as conducting center arranging movement and direction from car robot. Visual from camera at car robot will come up to TV or monitor who owning input and output video supporter facility so that here use two monitor in this car robot scheme.

Examination and analysis cover the overall of hardware system scheme or software where Wi - Fi as communications delivery of data govern from operation long distance expected can replace a communications conduct with physical medium or cable, where nirkabel communications expected to overcome problems exist in cable in a conducting long distance.

Keyword : Wi - Fi (Wireless Fidelity), car robot, process control.
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