

Sistem Kendali Teleoperasi Dan *Line Record Tracking* Pada GCR (*Goodbye Covid-19 Robot*) Untuk Menanggulangi Pandemi Covid-19

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ABSTRACT

Covid-19 (Coronavirus disease 2019) is a new coronavirus (SARS-CoV-2) known from Wuhan, China. Discovered at the end of December 2019 with countries infected with the Corona virus in more than 65 countries. According to WHO data as of 4 March 2020 the number of sufferers was 90,308 infected with Covid-19. In Indonesia, as of April 14, 2020, a positive Covid-19 patient was 4,839, recovered 426 and died 459.

In Indonesia, one of the ways to overcome the covid-19 pandemic is by spraying it with disinfectant liquid, and delivering food or medicine to patients who are infected with Covid-19, which is still close to patients who are still infected. According to general guidelines in dealing with the Covid-19 pandemic one of which is done by spraying disinfectants in several facilities such as posyandu, village offices, schools, bridges, parks, fields and other public areas.

With this background problem, a multi-functional GCR (Goodbye Covid-19 Robot) robot with remote control and fpv camera waves is used as a remote control for the robot to spray disinfectant liquid, deliver food and medicine. to patients infected with Covid-19 and Line Record Tracking which serves to find out which areas have been traversed by the robot in the hope that it will be more efficient because it can see the traces of robots that have been traversed and can overcome viruses in certain areas in order to reduce the risk of contracting from Covid-19 patients.

Keywords: Covid-19, GCR (*Goodbye Covid-19 Robot*) FPV Camera, *Line Record Tracking*, remote RC, Disinfectant, *deliver food and medicine*.