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Fire Fighting Robot

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Abstract: *Firefighting robots are getting to be progressively imperative instruments for combing fires, especially in unsafe environment. The robot is outlined to work in situations that are ordinarily blocked off or perilous for firefighters. This paper audits the most recent headways in real-time remote firefighting robots. We discuss different fire quencher alternatives past conventional water based frameworks to address the confinements of water in quenching particular fires. Also, the paper analyzes the part of real-time communication for farther control and information transmission, empowering firefighters to make educated choices and guarantee their security amid operations.*

Keywords: MLX90614; 5V Relay Module; Flame sensor; L298n Driver: ESP32-CAM Camera Module; Arduino uno R3; BO motor