IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 13, May 2023

Fire and Smoked Detection from CCTV footage using Deep Learning

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Abstract: *This Project aims to Detect and alert Specified user on an event of Fire or smoke for public saftey. It uses Deep learning and computer vision .It uses Twilio module to sent SMS notification to specified user .The successful implementation of this project can drastically reduce human intervention , save time and resource usage and improve the effectiveness of public safety measures.*

Keywords: computer vision, opencv, fire and smoke detection,YOLOv8,AI surveillance system

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