

Ambulance Detection using Image Processing

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Abstract: *Ambulance Detection Using Image Processing is ambulance detection in traffic. Because the number of vehicles using the road is increasing every day over the past couple of years, resulting in traffic congestion. Traffic congestion is increasing at a rapid rate in nations such as India, Japan, etc. where the breadth and length of the highways make it difficult to create a separate lane for ambulance; therefore making it difficult for the vehicle to pass through the road. As soon as possible, there will be no traffic. At the designated intersections, and the software detects the ambulance approaching and switches the traffic signal green for the following 30 seconds and sending the message to traffic controller. They want to embed this software in ambulances to make it simple to convert addresses into a programmable format for review and retrieval. This information is fed into a computer system. Displays all of the crossings it must pass through to reach the destination. In this project using two techniques CNN and YOLO.*

Keywords: Ambulance Detection, Image processing, Convolutional Neural Network, YOLO

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