

Peer Review

Review of: "Fall Detection in Passenger Elevators using Intelligent Surveillance Camera Systems: An Application with YoloV8 Nano Model"

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This article presents a relevant fall detection use case using a model based on the YoloV8 Nano model. The research lacks novelty. It is really hard to understand the advances in this area. It seems like integration activities instead of research. The authors' contributions are marginal and require improvements.

The introduction must be improved by stating the relevance of the research.

The methodology lacks enough details to replicate it.

Running ML and DL on resource-constrained devices is a hot research topic. The authors should have provided more details about the deployment of DL on this kind of device. Also, the authors should have made a comparison with other models deployed on this kind of device. In addition, the authors should have made an analysis of the device resource consumption to validate if deploying this kind of model is feasible on resource-constrained devices. What about the time to detect the fall? How to integrate this application into the smart building management system?

Declarations

Potential competing interests: No potential competing interests to declare.