

OVERVIEW

- Visual Surveillance is the act of monitoring the activities, behavior and changing activities in a scene.
- The purpose of visual surveillance is managing, directing or identifying security threats in an automated way.
- Utilizes advanced data acquisition, analysis and complex algorithm to capture the unusual activities without the involvement of a human.
- Visual surveillance attempts to detect, track, and recognize objects of interest from multiple videos, and more generally to interpret object behaviors and actions.

Problem statement

- Manual observation and decision making required
- Difficult surveillance at night due to low illuminations
- Human and other intervention at Region of interest
- Lack of human resource to monitor 24 hour