Abnormal Crowd Detection

The purpose of this system is to perform abnormal crowd event detection in CCTV/video stream. The aim is to bring the intelligence of detecting and reporting any unusual crowd activity in near real time from video streams. This will help in faster detecting and reporting of unusual crowd activities happening in front of CCTV/video cameras. The system uses latestAI/MLalgorithms for video processing.

Features

- Processes CCTV/Video feeds and report any unusual crowd activity.
- Key frames having abnormal activity are saved for future reference.
- Multiple cameras processing supported in real time.
- Uses state of the art AI/ML algorithms for video processing.
- Web APIs available for integration to existing systems.
- Web portal available to monitor the processed video feeds.
- User's privacy (in camera's view) protected.

Target Users

Law Enforcement Agencies/Armed forces/Shopping Malls/Public places.

Potential Applications

Fairs/Melas, Rallies. Social and religious gatherings.

Public Places like, Railwaystation, bus station, Malls,markets, etc.

System Requirements

- ❖ Intel Core i5, 8th Generation equivalent or higher
- ❖ RAM: Min. requirement is 16 GB
- ❖ Graphics card / GPU Processor (NVIDIA recommended)
- ❖ OS: Linux Ubuntu 18.04 and higher
- ❖ CCTV Camera (min. Resolution 2MP recommended)
- ❖ High speed connection between camera and server

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