# Description

## Title of Invention: SYSTEM FOR MONITORING EVENT RELATED DATA

### Technical Field

[0001] The invention relates to a surveillance system. More specifically, the invention relates to a system for monitoring event related data.

### Background Art

[0002] Surveillance systems such as video surveillance systems have been used in several areas for routine surveillance and for event detection. Abnormal events such as terrorism, riot, theft, fighting, fire, car accidents, etc. are meant to be captured by such surveillance systems.

[0003] However, in some situations, a surveillance camera cannot capture abnormal events within the surveillance area at an appropriate size to adequately cover the abnormal event. Therefore, users, including security officers and police officers, are not able to understand an incident appropriately because a surveillance camera captures only a part of the whole of the event.

[0004] Thus, what is needed and an object of the disclosure is to provide an improved surveillance system that captures abnormal events within a surveillance area at a size appropriate to the abnormal event. Furthermore, other desirable features and characteristics will become apparent from the subsequent detailed description and the appended claims, taken in conjunction with the accompanying drawings and this background of the disclosure.

### Summary

[0005] In a first aspect, a system for monitoring event related data including a sensor data analyzer, an event analyzer and an actuator is disclosed. The sensor data analyzer detects events based on sensor data. The event analyzer is coupled to the sensor data analyzer and estimates the size of the entire detected events based on event related data of the detected events from the sensor data analyzer. The actuator is coupled to the sensor data analyzer and the event analyzer and actuates a predetermined device based on the estimated size of the detected entire events.

[0006] In a second aspect, a method for monitoring event related data is disclosed. The method includes detecting events based on sensor data; estimating the size of the entire detected events based on event related data of the detected events; and actuating a predetermined device based on the estimated size of the detected entire events.

[0007] In addition, an embodiment is also achieved by a computer program that achieves the