Patent Search

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Abstract:

CCTV (Closed-Circuit Television) cameras are video surveillance systems used to monitor and record the activities of people and objects within a specific area. To solve problems, we have come up with an idea to implement real-time project using CCTV surveillance camera with have ability to detect the unauthorised entries in a hum any of the streams. First the information is collected from the various CCTV cameras and send to processing part using CCTV tuner card (wireless mode) to the PC. Th of Micro processer which process the information regarding image processing and compares the image with the data available in the database This process includes the image with the help of structure etc. Next the Data is transfer between the trans- receiver and nearby security control using the interface connector(rs232). the in send to the security control contains information OF, location, time, level of alert (i.e., Low, medium, high-risk alert) etc. to get accurate information we used ultra son Here we basically focused on unauthorized access entries with same face structure generate a report and maintain a database.

Complete Specification

Description:Walking style recognition using CCTV cameras is a technology that involves the use of computer vision algorithms to analyze video footage of an individ walking pattern. The technology is since everyone has a unique walking style pattern, which is influenced by factors such as height, weight, and age.

The invention involves the use of sophisticated algorithms that analyze video footage from CCTV cameras to extract features related to an individual's gait patterns, stride length, step width, and cadence. These features are then used to create a unique biometric profile that can be used to identify individuals based on their walk style.

The process of walking style recognition using CCTV cameras involves several steps. First, video footage of an individual's walking pattern is captured by CCTV camer footage is then processed using computer vision algorithms to extract features related to the individual's gait pattern. These features are compared to a database o gait patterns to identify the individual.
One of the key advantages of this technology is its ability to identify individuals based on their walking style, even if they are wearing a disguise or their face is not vi This makes it an ideal tool for security and surveillance applications, as it can help to identify individuals who are attempting to conceal their identity.

The invention has many potential applications in various fields. In the field of security and surveillance, it can be used to identify individuals who are attempting to g access to secure areas, or who are engaging in suspicious behavior. In healthcare, it can be used to monitor the gait patterns of patients with conditions such as Pa

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