

(54) Title of the invention : SMART CCTV CAMERAS

(57) Abstract :

The present invention relates to a system for smart CCTV cameras (10), comprising a smart CCTV camera (10) configured to capture video footage. The system includes an artificial intelligence (AI) processor (12) integrated with the smart CCTV camera (10) that analyzes the video footage in real-time to detect unwanted movements. An Internet of Things (IoT) component (14) connects the smart CCTV camera (10) to a smart portable device (16), enabling seamless communication. A voice message alert system (18) associated with the smart portable device (16) generates an alarm message upon detection of unwanted movements. Additionally, an automated emergency response mechanism (20) initiates an emergency call to the police or other authorities in response to the detection of unwanted movements. The system enhances video surveillance capabilities, employing AI and IoT technologies for real-time analysis, immediate alerts, and automated emergency response, contributing to improved security and crime prevention.

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