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(57) Abstract :
Disclosed herein is an artificial intelligence driven surveillance and smart security system and method thereof comprising a user device (102) with a user interface (104) for profile management, secure login, real-time monitoring, and control. A surveillance camera (106), along with a sensor unit (108) and a microphone (110), captures live footage, detects motion, recognizes faces, and processes audio for anomaly detection. A processing unit (116), connected via a communication network (112), integrates modules including a data input module (118), a data processing module (120), an authentication module (124) for access control, and a cybersecurity threat detection module (126) for security monitoring. Additional components include a smart lighting module (128), bio-AI authentication module (130), symbolic AI module (132), real-time analytics module (134), alert module (136), tamper-resilience module (138), notification module (140), and an output module (142) for AI-enhanced surveillance, ensuring real-time

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