

Connecting camera and wifi with Arduino platform

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Abstract: This topic addresses the integration of a camera and Wi-Fi network system with the Arduino platform to build an automated security monitoring solution. The goal is to create a compact, easily deployable device capable of transmitting video data over a wireless network. Through theoretical research on camera and Wi-Fi technology combined with experimentation on the Arduino platform, this topic aims to provide an effective solution for indoor security monitoring applications. The expected results contribute to the development of IoT technology in the field of security and smart home management.

Keywords: Arduino, Camera, Wi-Fi, Security surveillance, IoT