

Research on infrared communication technology and its application in anti-theft sensors

Dao Thi Thao

Abstract: This topic aims to study infrared (IR) communication technology and apply it to the security field by developing an anti-theft sensor system. Through a combination of theory and experimentation, we will analyze the characteristics of IR signals and build an effective solution for real-time detection and alerting. The expected outcome is to provide a new, easy-to-deploy security system with high applicability in residential and business areas.

Keywords: Infrared communication technology, anti-theft sensor, security, experiment