

Project Title: RFID Tunnel

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Description:

The RFID Tunnel will serve to relay an RFID handshake over a considerable distance by acting as a bridge between RFID card and RFID reader. There will be two parts to the project, a sniffing station and a mimicking station. When the sniffing station is placed near an RFID card and the mimicking station is placed near the RFID reader, communication between sniffing station and mimicking station would convince the RFID reader that the card is within communication range. Data would then be exchanged through the RFID Tunnel. Both parts will be designed to be low power and portable.