



Introduction

Traffic counter is a product which is used to keep the track of the number of vehicles passed from a toll plaza as the vehicle arrives at the toll plaza and after paying the toll tax as the vehicle passes the count of the vehicle from that particular gate of the toll plaza is updated and by which it helps to keep the information of the traffic on that particular toll plaza and how much heavy traffic is on that highway.

Features

1. Object Counting
2. Debounce
3. Serial Monitoring
4. Flag-Based Counting
5. Adjustable Timing
6. User-Friendly Interface
7. Visual Feedback
8. Compact and Portable Design

Experiment

1. Traffic approximation

Technical Specification

1. Arduino UNO
2. IR Sensor
3. TM1637 display
4. USB cable for interfacing Type-A to Type-B
5. Dimension: 200 x 300 x 73mm
6. Weight: 800gm (approx)

Note: Specifications are subject to change.