TranspoTracker

Precision in Motion

Welcome to the future of vehicle analytics – where every car, truck, and two-wheeler is not just a moving object but a data point that sharpens your understanding of the road. Introducing TranspoTracker, the state-of-the-art solution in vehicle counting and classification designed for the dynamic Indian road scene.

Creating Impact and Insights for

Traffic Management & Safety

Highway & Toll Operations

Infrastructure Design & Maintenance

Pollution Tracking & Regulation

Features of TranspoTracker

🎯 Unmatched Accuracy

Count on Precision With a remarkable **97% accuracy rate,** TranspoTracker meticulously counts and classifies each vehicle, distinguishing across a comprehensive range of categories:

- Bikes and Mopeds
- 3 Wheelers
- Personal Vehicles: Hatchbacks, Sedans, SUVs
- Commercial Transports: Light Goods Vehicles, Buses, Trucks (from 3 to 6+ axles)
- Special Equipment such as Tractors
- And an additional category for uncategorized vehicles

⏱️ Night or Day, Clear Insight

24/7 Performance Our system stands vigilant day and night, powered by Infrared technology to deliver consistent performance even in low-light conditions.

📹 Advanced Evidence Capture

Every Passage Recorded TranspoTracker doesn't just count; it captures. An evidence image for every passing vehicle is saved, with an optional video capture mode for enhanced validation and record-keeping.

Evidence Image: Day

TranspoTracker
Mumbai Highway
Date: 2023-10-20   Time: 15:30:13 Hrs   Node: Mumbai Highway-1
Site: Highway   Vehicle Type: 5-Axle   Number Plate:

Evidence Image: Night

TranspoTracker
Mumbai Highway
Date: 2023-11-02   Time: 18:16:58 Hrs   Node: Mumbai Highway-1
Site: Highway   Vehicle Type: 3-Axle   Number Plate:

Dashboard Image

🇮🇳 Tailored for India

Local Roads, Local Vehicles Trained on the diverse and unique Indian road environment, TranspoTracker flawlessly identifies and classifies vehicles specific to Indian roads.

📊 Analytics That Inform

Data That Drives Decisions at the heart of TranspoTracker lies a robust analytics engine that churns through data to present insights on:

- Vehicle Class Distribution
- Time-wise Vehicle Count