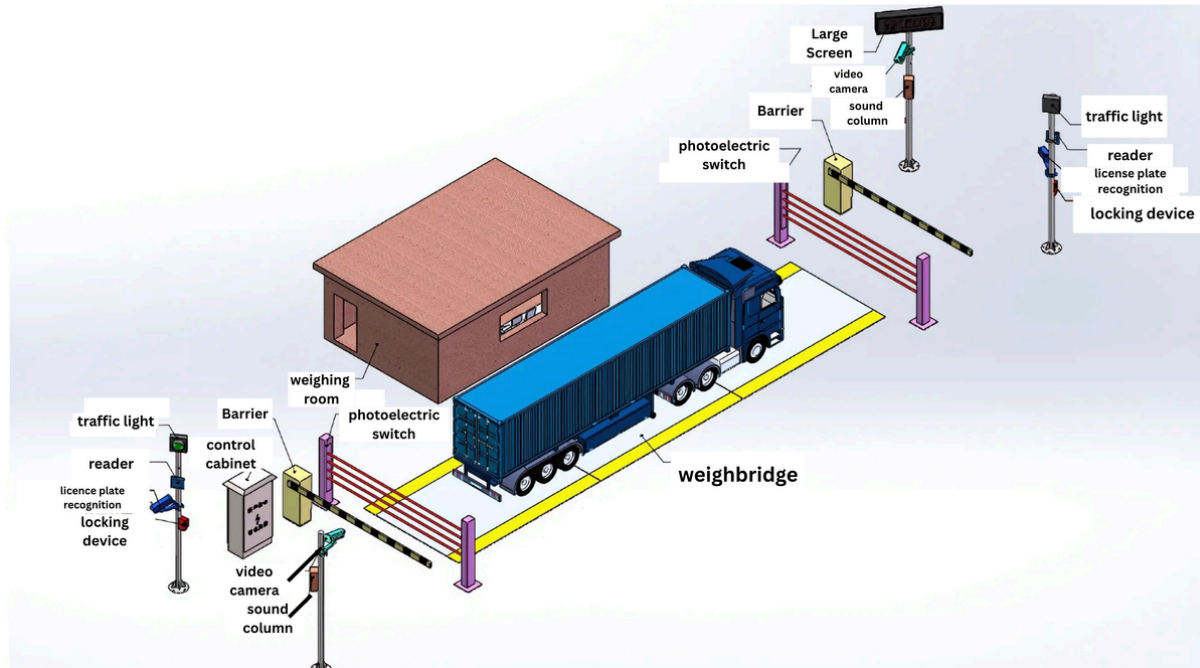


YOUR SMART BUSINESS PARTNER



Vehicle Intelligent Weighing Management System

This Vehicle Intelligent Weighing Management System uses Client/Server (C/S) software for networked operation and easy scalability. It ensures data security with a multi-level user authority design that allows administrators to set specific access permissions. The system streamlines the weighing process using RFID cards, which automatically retrieve and input vehicle and cargo information for efficient management.



- **Centralized Management Software:** The system uses a Client/Server (C/S) management software. This allows for networked operation, good scalability for adding more weighbridges, and real-time data inquiry and management.
- **User Permission Control:** It has a multi-level user authority design, where a system administrator can assign different levels of access and specific operational permissions to other users, ensuring data security and accountability.
- **Tare Alarm Function:** The system is equipped with a tare weight alarm. If a vehicle's tare weight exceeds a pre-set range during weighing, the system will alert the operator, helping to prevent fraud.
- **Intelligent Management with RFID:** The system uses RFID cards (electronic tags) for intelligent management. RFID cards are issued to vehicles, and the system automatically reads the card to retrieve and input key information (such as vehicle number, cargo name, etc.), streamlining the weighing process.
- **Traffic Control Integration:** The system controls traffic flow using an I/O controller that manages peripheral equipment like photoelectric inter-shooting switches, barrier gates, and traffic lights. This ensures an orderly and safe weighing process.
- **Video Surveillance:** It can be integrated with video surveillance cameras at the entrance and exit of the weighbridge to monitor vehicles, capture license plates, and store video footage for later review.
- **Infrared Vehicle Detection:** Multi-beam infrared photoelectric switches are installed to detect if a vehicle is improperly positioned on the weighbridge. The system will suspend weighing and trigger an alarm if the vehicle's tires exceed the boundary.
- **Automated Barriers:** The system includes automatic barrier gates at the entrance and exit to regulate vehicle flow and enforce orderly weighing procedures.
- **Integrated Voice System:** A voice system with a microphone and outdoor waterproof speakers automatically broadcasts instructions and allows staff in the weighing room to communicate with drivers on-site.
- **Automatic Bill Printing:** Once weighing is complete, the system automatically prints a bill, which can then be collected by the driver.

CONTACT US



info@dotmobi.co.ke



+254722848756 +254722761322