UNMANNED IN MOTION ROAD WEIGHING INDICATOR

1. The device will automate the Tare/Gross weighment capture process of the Weighbridge.
2. Only registered vehicles will be allowed for Tare/Gross weighment in the Weighbridge.
3. For Registered Vehicles, the traffic light at the entry point of Weighbridge will be green and vehicle details should be displayed in a LED Display.
4. The device will align the vehicle in the middle of the Weighbridge through Position Sensors.
5. The device will capture the in - motion weight of the vehicle from the Weighbridge controller.
6. The Tare/Gross weight of the vehicle will be displayed in the LED Display and the same should be announced through the Audio Guidance System.
7. The device will send the vehicle Tare/Gross weight into the Server Application.
8. The Device will capture the front, back and top image of the vehicle and the same will be sent to Server Application for audit purpose.
9. Once Weighment Data and Images are saved in PC, and will turn the exit point Traffic Light Green to take the vehicle out of the Weighbridge.
10. The Device will have an On-board touch display, which will display the current status of the Weighbridge and the devices attached with the weighbridge controller.
11. The status of the following devices will be displayed in the on-board display:
    - Positions Sensors, Cameras, Weighbridge Digitizer, LED Display, Server Connections and etc.
12. The Device will have on-board diagnostic mode to detect faulty device.