



Lakshmi “GPS Foot Plate Inspection App” (LICGPSFPIAV1.0)

Introduction: GPS (Geo Positioning System) Inspection mobile app intends to record the inspected data's digitally. The app stores the predefined defects along with the current location details of latitude and longitude against a manual trigger on the phone keypad. It receives the locations details from GEO Positioning system (GPS) which is inbuilt in android phone, and records the defects along with location. This app is specially designed to be used for marking and storing the locations of track defects while inspecting track on foot plate/ brake van/ inspection car /push trolley or motor trolley on Indian Railway. This app stores the track defects in its internal memory, which can be retrieved on phone's display (In term of Latitude and Longitude). The inspection and location ID file stored in app can be transferred to PC through USB port or can be mail from app or can be saved in cloud storage. It only cost 60,000/- Rs.

Technical Features:

1	Power Source	Li-ion (Lithium Ion)
2	Battery Backup	Minimum 8 Hrs during Inspection
3	Memory Type	Flash memory 16gb(min.)
4	Memory size	Minimum 1000 events of inspection and minimum 2000 events of locations
5	Size of the device	Approx. 146.0 x 73.0 x 5.4 mm which can easily be held in palm
6	Weight of Handheld Device including battery.	Maximum 500 gm.
7	Resolution of GPS receiver	0.001 Minute of latitude & longitude.
8	Accuracy of GPS receiver	Better than 4m CEP50 and 10m 2DRMS(CEP95) for horizontal under open and clear sky condition
9	GPS TYPE	A-GPS, GLONASS, GPS
10	Chipset	Qualcomm MSM8916 Snapdragon 410 or better
11	CPU	Quad-core 1.2 GHz Cortex-A53 or better

Benefits

- ❖ High accuracy-3m to 7m.
- ❖ Report details viewed in app.
- ❖ Report details mail or save in cloud storage.
- ❖ 16 GB of internal memory and extendable up to 32gb.
- ❖ Easy in handling and in use.
- ❖ Compact, Smart design and fast processing.
- ❖ No requirement of Internet connectivity.
- ❖ Battery backup up to 20hrs.
- ❖ In app TMS LOGIN directly.
- ❖ Transfer location ID files to other devices to record inspection
- ❖ Compatible to RDPS files & Location ID files of other device.