REIL

ISO 9001 REGISTERED

DNV

MGMT. SYS.
RvA C 024
DNV Certification B.V., The Netherlands

ELECTRONIC TICKETING MACHINE

Description

The Electronic Ticketing Machine (ETM) is a Hand Held Computer, in which the program is stored along with all the relevant data, for issue of tickets in the bus during the journey.

The storage of program and data is done through a Personal Computer (Host PC), and is called pre-journey configuration for the specific route, bus service, fare, concessions, conductor, driver and day of operation, for handling the passenger and luggage ticketing.

The master data pertaining to the unit fare charges for adult/child and luggage, concessions, route, bus service are stored on the Host PC, and made available for uploading on to the ETM at the time of configuration

Once the pre-configuration is over the ETM is ready for use during the journey. A collection report can be prepared at the end of trip. After a journey is over the transaction data files are transferred from ETM to the Host PC, over a communication cable connected to serial communication port. The ETM requires about three hours for full charging after which it can be used continuously for 7-8 hours.

Features

- Fully customized fare tables for passenger / luggage
- Instant calculation of fare
- An ideal substitute of conventional bag system
- Capable of handling conductor booking and stand booking
- Instant display and report about passengers onboard
- Data transfer facility between ETM and host pc using communication cable or contactless infrared port
- Representative reports:
  ➢ Revenue earned towards passenger and luggage
  ➢ Making available basic ticket data to Host PC for data analysis and preparing variety of reports
  ➢ Section wise analysis
  ➢ Day end total collection report
  ➢ Duplicate receipt
  ➢ Station specific statements

Electronic Ticketing Machine

- High Speed CPU
- 256 KB program memory
- 4 MB data memory
- Real Time Clock
- LCD display unit (4 rows x 20 character) with backlight
- 30 Keys Elastomeric Keypad
- High speed serial port / program port (115 Kbps)
- Built-in (24 column) Thermal printer
- Built in 2.2 AH Lithium-Ion or 1.7 AH Ni MH battery
- ABS plastic case housing
- Programmable as per user requirement
- Light weight, versatile and affordable

Accessories

- Intelligent Battery Charger
- Carrying case

Optional features

- Infra Red communication port
- Built-in RFID (contact-less) card reader
- External PSTN / GSM / CDMA Modem

Application software

- ETM software
- PC-end software

Note: A pre-implementation study is a pre-requisite for such projects, to identify the system requirements and user requirements. The customization can be done as per the user requirements.